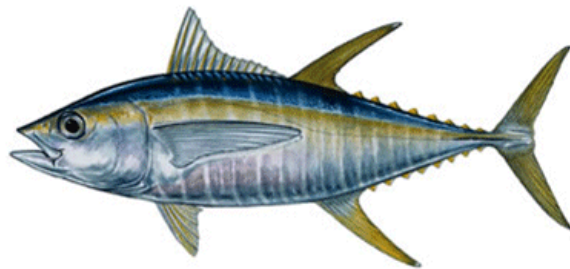


Louisiana Commercial Finfish Fishermen: Trends in Fishing Efforts, Landings and
Landing Revenue, Impact of Hurricanes and Monitoring of Recovery

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Executive Summary

This report uses the trip ticket data collected by the Marine Fisheries division of the Louisiana's Department of Wildlife and Fisheries (LDWF) to examine the structure and socioeconomic characteristics of the commercial fisherman side of the Louisiana finfish fishery and to monitor its recovery in the aftermath of hurricanes Katrina and Rita in 2005 and Gustav and Ike in 2008.

The structural and the socioeconomic variables considered by this report follow the information available (as at October 1, 2010) in the trip ticket data from 2000 through 2009. The report covers participation and activities in the commercial finfish fishery, performance measures including finfish landings, average dockside prices and dockside values of finfish, which were landed in Louisiana in the period between 2000 and 2009.

The report is divided into four chapters. Chapter 1 consists of a report on the fisherman's participation or efforts in the commercial finfish fishery. Participation includes the numbers of fishermen who reportedly landed or sold at least a pound of finfish at Louisiana docks (henceforth, finfish fishermen), fishing vessels and fishing trips as well as the length of fishing trips and type of gear all of which were associated with the harvesting of finfish. The performance of the finfish fishery in terms of the volumes (in pounds), average dockside prices and dockside values of finfish landed or sold at the Louisiana docks as well as the condition of the finfish at landing, the unit of measure, and size count of finfish, are contained in Chapter 2. Chapter 3 combines the previous two chapters to generate finfish landings, average dockside prices and dockside values measures per fishing effort, while Chapter 4 discusses the impacts of hurricanes Katrina and Rita as well as Gustav and Ike on the finfish fishery.

Summary findings from this report are grouped into the following categories: participation and activities, dockside performance, performance per effort and hurricane impacts associated with the Louisiana commercial fisherman side of the finfish fishery.

I. Participation in Louisiana Finfish Fishery (2000 – 2009)

A. All Finfish Combined

1. The number of fishermen who landed or sold at least a pound of finfish at Louisiana docks (finfish fishermen) declined by approximately 49.6 percent from 2,711 in 2000 to 1,365 in 2006. Of the 2,711 fishermen, 1,148 reported that they landed freshwater finfish, while 1,802 landed saltwater finfish. By 2006, individuals who landed freshwater (saltwater) finfish had declined by 44.5 percent (55.2 percent).
2. The majority of fishermen (approximately 87.7 percent) who landed or sold finfish in a given year during 2000 – 2009 held a residential commercial fisherman license.
3. The top three parishes where most of the fishermen who landed or sold finfish resided were Plaquemines (ranging from 137 fishers in 2006 and 376 in 2000), Jefferson (ranging from 145 fishers in 2006 and 344 in 2000) and St. Mary parishes (ranging from 94 fishers in 2007 and 201 in 2000).
4. The total number of fishing trips associated with at least a pound of finfish landings declined from 82,271 trips in 2000 to approximately 48,177 trips in 2008. The average number of trips per fisherman who reported finfish landings fluctuated between 30 trips (2000) and 39 trips (2003 and 2006).
5. The total length of fishing trips taken by all fishermen who landed or sold finfish declined from approximately 3.6 million hours (147,936 days) in 2000 to 2.0 million hours (81,597 days) in 2008. Relatedly, the average length of fishing trips fluctuated around 41.2 hours (approximately 2 days).
6. The number of fishing vessels, which reportedly landed at least a pound of finfish at Louisiana docks, totaled 4,703 in 2000 but by 2006, it has fallen to 1,427. On average, 80.6 percent of these fishing vessels was registered in Louisiana and 17.0 percent was documented with the U.S. Coast Guard. The remainder of the vessels, approximately 2.4 percent, was registered in states other than Louisiana.
7. Of the annual average of 920 fishing vessels (43.6 percent) whose license types and vessel lengths were specified since 2000, approximately 92.4 percent was licensed to individuals who resided in Louisiana. Additionally, approximately 26.9 percent was between 31 to 50 feet, followed by vessels, which were 19 feet or less (25.9 percent)

and those between 20 to 24 feet (21.8 percent). The rest were between 25 to 30 feet or over 50 feet. Plaquemines (with 193 vessels), Jefferson (157 vessels) and St. Mary (83 vessels) topped other parishes in the average number of fishing vessels owned by individual who resided in them.

8. The top three gear with the number of fishermen who reportedly used them to harvest finfish were trot lines (between 323 fishermen in 2008 and 728 fishermen in 2000), fish hoop and fyke nets (between 231 fishermen in 2009 and 474 fishermen in 2000) and skimmer nets (between 338 fishermen in 2009 and 516 fishermen in 2000).

B. Freshwater Finfish

The following highlights are the important findings for the freshwater finfish sector.

1. The top three freshwater finfish species with the average number of fishermen who reported that they landed them were blue catfish (469), channel catfish (231) and buffalo (211).
2. The largest number of fishermen who landed freshwater finfish lived in St. Mary parish (average of 109 fishermen), followed by an average 67 fishermen who lived in Iberville and an equal number (54) who resided in Assumption and Avoyelles parishes.
3. St. Mary (with 63 vessels) and Plaquemines (with 31 vessels) led other parishes in the average number of vessel owners whose vessels harvested freshwater finfish.
4. Of the 293 vessels (30.0 percent), which were used to harvest freshwater finfish, between 111 in 2006 and 277 in 2000 were 19 feet or below, followed by those falling between 20 and 24 feet which ranged from 62 in 2006 and 112 in 2000.
5. Fish hoop and fyke nets and trot lines topped all gear used to harvest freshwater finfish with the number fishermen who reportedly used them ranging from 231 in 2009 to 468 in 2000 for the former and from 200 in 2008 to 515 in 2000 for the latter.

C. Saltwater Finfish

The following highlights are the important findings for the saltwater finfish sector.

1. The top three saltwater finfish species with the number of fishermen who reported that they landed them were black drum (between 340 fishers in 2006 and 936 in 2000), sheepshead (between 261 in 2006 and 830 in 2000) and flounder (between 162 in 2005 and 716 in 2000).

2. The largest number of fishermen who landed saltwater finfish lived in Plaquemines parish (average of 235 fishermen), followed by an average 214 fishermen who lived in Jefferson parish and 128 fishermen who resided outside Louisiana.
3. Plaquemines (with 190 vessels) and Jefferson (with 153 vessels) led other parishes in the average number of vessel owners whose vessels harvested saltwater finfish.
4. Of the annual average of 726 vessels (57.7 percent), which were used to harvest saltwater finfish, between 172 in 2005 and 323 in 2000 fell in the 31 to 50 feet category, followed by those whose length fell between 20 and 24 feet which ranged from 96 in 2006 and 234 in 2000.
5. Electric or hydraulic reel, skimmer nets, and shrimp otter trawl topped all gear used to harvest saltwater finfish with the average number (or range) of fishermen who reportedly used them being 806 (from 466 in 2009 to 1,094 in 2000), 518 (from 172 in 2009 to 806 in 2000) and 515 (from 246 in 2009 to 1,036 in 2000), respectively.

II. Dockside Performance of Louisiana Finfish Fishery (2000 – 2009)

A. All Finfish Combined

1. The largest volume of finfish landed or sold by fishermen at Louisiana docks (1.1 billion pounds) occurred in 2000, while the smallest volume (681.3 million pounds) occurred in 2005. On average, saltwater finfish constituted the major portion (98.6 percent) of the total landings, while the rest were freshwater finfish.
2. The total average actual (nominal) dockside price per pound of finfish fluctuated between an average of \$0.78 in 2001 and \$0.91 in 2004. Compared to the total average nominal price per pound, the average nominal price of saltwater finfish was higher (with an average of \$1.10), while the average nominal price of freshwater finfish were lower (with an average of \$0.58) throughout the 2000-2009 period.
3. The total actual (nominal) dockside value of finfish landed or sold at the Louisiana docks fluctuated between \$49.3 million in 2005 and \$70.0 million in 2002. Saltwater finfish constituted approximately 93.2 percent of the total value of finfish annually, while the remaining portion is made up of freshwater finfish.
4. The fishermen who resided in places outside Louisiana collectively landed 47.3 percent of all finfish landed in Louisiana, ranging from 275.7 million pounds (2008) to 625.3 million pounds in 2000. In Louisiana, the fishermen who resided in Plaquemines and Vermilion parishes topped other parishes in the volume of finfish landed, ranging from 91.5 million (2005) to 236.6 million (2006) and from 84.4 million (2009) to 143.4 million (2000), respectively.

5. The largest dockside value of finfish among residences can be attributed to the fishermen who resided outside Louisiana contributing between \$13.3 million (2006) and \$28.1 million (2002), followed by individuals who lived in Plaquemines parish with a contribution, which ranged from \$4.7 million (2000) to 19.6 million (2007) and Orleans parish (between \$2.3 million in 2008 and \$8.7 million in 2000).
6. Three states (Virginia, Mississippi and Florida) accounted for 99.2 percent of finfish landed by fishermen who resided outside Louisiana (See item 4 above) and 96.7 percent of the total dockside finfish values. The total average volume (actual dockside value) of finfish was 216.7 million pounds (\$7.5 million) for Virginia residents, 173.0 million pounds (\$7.9 million) for Mississippi residents and 27.1 million pounds (\$4.3 million) for Florida residents.
7. Between 30.0 percent (2005) and 49.9 percent (2009) of total finfish volume landed in Louisiana or between 31.7 percent (2000) and 55.5 percent (2008) of total dockside value was from Louisiana territorial waters (i.e., river basins). Remaining shares of finfish landings and dockside values in the period between 2000 and 2009 were associated with the federal grids. The top three basins in the pounds of finfish harvest were Barataria, Lake Pontchartrain and Terrebonne Basins. The average annual volumes of finfish landed from these basins (with their actual values) were 122.7 million pounds (\$8.1 million), 116.4 million pounds (\$7.3 million), and 44.5 million pounds (\$2.9 million), respectively. For all years, the average nominal dockside price per pound of finfish harvested from the basins was below the total average price with a consistent margin of \$0.21. Finfish harvested from Terrebonne Basin commanded the highest average price of \$1.61 per pound, followed by Lake Pontchartrain Basin with \$0.92 per pound and Calcasieu River Basin with \$0.91 per pound.
8. Federal grids 15, 16 and 17 topped other grids in the pounds and dockside values of finfish harvested from them. Precisely, the largest amount was harvested from Grid 15 (annual average of 186.6 million pounds), followed by Grid 16 (annual average of 177.7 million pounds) and then Grid 17 (annual average of 58.9 million pounds). There was no clear distinction among average prices of finfish across NMFS grids. Among the federal grids whose associated finfish landings, prices and values were consistently reported, Grid 11 showed a clear lead in the total average actual dockside price per pound of finfish harvested from its waters (\$1.99), followed by Grids 14 (\$1.65) and 15 (\$1.61). The total average dockside values for the top three grids were \$13.2 million (Grid 15), \$9.6 million (Grid 17) and \$8.3 million (Grid 16).
9. Although, most of the fishermen used electric or hydraulic reel, skimmer nets, and shrimp otter trawl to harvest their finfish, 96.8 percent (857.7 million pounds) was annually harvested using menhaden purse seine. Majority of the rest was caught by hoop and fyke nets (6.5 million pounds) and strike gillnets (3.5 million pounds). Also, approximately two-third (\$35.8 million) of the total dockside value of finfish was associated with menhaden purse seine, followed by surface longline (\$8.9 million) and electric or hydraulic reel (\$3.7 million).

B. Freshwater Finfish

1. The top three freshwater finfish species landed by fishermen at Louisiana docks with their pounds of landings were buffalo (between 2.5 million in 2000 and 3.9 million in 2007), blue catfish (from 2.1 million pounds in 2009 to 4.2 million pounds in 2000) and channel catfish (from 0.5 million pounds in 2009 to 1.8 million in 2000).
2. With an average actual (nominal) dockside price per pound, which ranged from \$4.68 in 2001 to \$8.52 in 2004, minnow commanded the highest price among freshwater finfish species. Next were alligator gar (from \$0.79 per pound in 2003 and \$1.12 per pound in 2007) and unclassified garfish (from \$0.67 in 2003 and \$1.06 in 2008).
3. Blue catfish led other freshwater finfish species in the total actual (nominal) dockside value with an amount ranging from approximately \$1.0 million in 2009 to \$2.1 million in 2000. Following were buffalo (from \$0.4 million in 2000 to \$1.6 million in 2007) and channel catfish (from \$0.3 million in 2009 to \$1.0 million in 2002).
4. Freshwater finfish were almost exclusively harvested from the waters of Louisiana basins. The top three basins in the pounds of finfish harvest were Atchafalaya, Red River and Vermillion-Teche River Basins. The average annual volumes of finfish landed from these basins were 5.9 million pounds, 916.6 thousand pounds, and 894.1 thousand pounds, respectively. Terrebonne, Lake Pontchartrain and Barataria were the top three basins with associated freshwater finfish average dockside prices per pound being \$2.00, \$1.64 and \$1.00, respectively. Atchafalaya Basin (with an average of \$1.6 million) also topped other basins in the dockside value of freshwater finfish harvested from its waters, followed by Terrebonne Basin (with an average of \$447.0 thousand) and Barataria Basin (\$420.7 thousand).
5. Majority of the freshwater finfish was caught using hoop and fyke nets (6.5 million pounds), followed by stake gillnets (1.5 million pounds) and Dip nets (1.3 million pounds). Also, an average of approximately \$2.3 million of the total dockside value of finfish was associated with hoop and fyke nets, followed by trot lines (with an average of \$0.6 million) and stake gillnets (with an average of \$0.4 million).
6. The majority of the freshwater finfish landed (92.8 percent or 11.0 million pounds) or their actual dockside values (86.3 percent or \$3.6 million) were whole or heads on finfish but gutted and headed finfish commanded the highest actual prices of between \$0.93 (2002) and \$1.55 (2009).
7. On average, approximately 99.6 percent (or 11.8 million pounds) of the freshwater finfish landed in Louisiana was measured in pounds. This portion accounted for 96.1 percent (or \$4.0 million) of the total nominal dockside value of freshwater finfish.

C. Saltwater Finfish

1. Menhaden constituted the bulk of saltwater finfish landed in Louisiana (averaged 98.2 percent) and their values (61.8 percent). Menhaden landings fluctuated between 657.7 million pounds in 2005 and 1.1 billion pounds in 2000, while its average nominal dockside price per pound and nominal dockside value ranged from \$0.03 (2000) to \$0.06 (2008) and from \$25.8 million (2005) to \$46.0 million (2008), respectively.
2. The top three non-menhaden saltwater finfish species with their pounds of landings were black drum (between 1.9 million in 2006 and 3.8 million in 2004), red roe mullet (between 73.9 thousand in 2009 and 5.5 million in 2000) and yellowfin tuna (between 1.2 in 2008 and 3.7 million in 2000).
3. Of all saltwater finfish including menhaden, bluefin tuna sold for highest nominal dockside price per pound, averaging between \$3.79 in 2006 and \$5.92 in 2000, followed by bigeye tuna whose average price ranged from \$2.49 (2008) to \$4.30 (2005) as well as Florida pompano whose average price per pound varies between \$2.91 (2009) and \$3.83 (2001, 2002 and 2004).
4. For the non-menhaden saltwater finfish, the top three in terms of their nominal dockside values are yellow tuna, red snapper and red roe mullet. The dockside value fluctuated between \$4.2 million (2008) and \$11.4 million (2000) for yellowfin tuna, between \$2.1 million (2008) and \$5.8 million (2000) for red snapper and between \$33.8 thousand (2009) and \$5.1 million (2000) for red roe mullet.
5. The majority of saltwater finfish, which ranged between 50.8 percent (or 404.2 million pounds) in 2009 and 64.9 percent (or 720.8 million pounds) in 2000 were associated with seafood harvested from federal grids. The rest (between 192.1 million pounds in 2005 and 392.3 million pounds in 2009) were associated with seafood harvested from the Louisiana river basins.
6. The top three Louisiana basins in the pounds of saltwater finfish associated with seafood harvested from their waters were Barataria (between 90.8 million in 2001 and 162.3 million pounds in 2000), Lake Pontchartrain (between 52.0 million in 2005 and 191.7 million in 2009) and Terrebonne (between 15.0 million in 2005 and 83.7 million in 2008) Basins. Saltwater finfish associated with Mermentau River, Calcasieu River and Sabine River Basins commanded the highest average nominal dockside prices. The average price per pound fluctuated between \$0.49 (2001) and \$1.27 (2007) for saltwater finfish associated with Mermentau River Basin, between \$0.74 (2003) and \$1.13 (2009) for saltwater finfish associated with Calcasieu River Basin and between \$0.50 (2007) and \$1.60 (2006) for saltwater finfish associated with Sabine River Basin. The top three basins with the dockside values of saltwater finfish associated with their waters were Barataria (between \$4.7 million in 2001 and \$13.2 million in 2008), Lake Pontchartrain (between \$3.0 million in 2005 and \$14.3

million in 2009) and Mississippi River Basins (between \$1.9 million in 2009 and \$4.6 million in 2007).

7. The top three federal grids including the pounds of saltwater finfish associated with seafood harvested from their waters were Grid 15 (between 64.8 million in 2001 and 253.6 million pounds in 2007), Grid 16 (between 63.8 million in 2002 and 289.2 million in 2003) and Grid 17 (between 37.4 million in 2003 and 370.8 million in 2000). However, Grids 11, 18 and 14 topped other grids in the average prices of saltwater finfish associated with their waters, ranging from \$1.19 (2000) to \$3.38 (2008), from \$1.39 (2003) to \$1.88 (2005) and from \$1.36 (2007) to \$1.88 (2006), respectively. Similar to landings, the nominal dockside values of saltwater finfish associated with the Grids 15, 16 and 17 were the largest of all. The value ranged from \$7.7 million (2001) to \$19.3 million (2002) for Grid 15, from \$6.3 million (2008) to \$15.8 million (2000) for Grid 17 and from \$3.7 million (2007) to \$12.1 million (2003) for Grid 16.
8. Majority of the saltwater finfish was caught using menhaden purse seine (658-1100 million pounds), while the rest (11-25 million pounds) were harvested by other types of gear such as surface longline, strike gillnets, trot lines, etc. Menhaden purse seine was responsible for a dockside value of saltwater finfish of between \$25.8 million (2005) and \$46.0 million (2008), followed by surface longline (between \$5.5 million in 2008 and 11.7 million in 2004).
9. The majority of the saltwater finfish landed (98.9 percent or 864.6 million pounds) or their actual dockside values (69.5 percent or \$40.2 million) were whole or heads on finfish but gutted and headed saltwater finfish commanded the highest actual dockside prices of between \$1.77 (2007) and \$2.31 (2000).
10. On average, approximately 98.0 percent (or 856.4 million pounds) of the saltwater finfish landed in Louisiana was measured in thousands of standard fish. However, this portion accounted for only 61.7 percent (or \$35.8 million) of the total nominal dockside value of saltwater finfish.

III. Dockside Performance per Effort in Louisiana Finfish Fishery (2000 – 2009)

1. The total average volume of finfish landed per fisherman followed an upward trend since 2001 from 375,513 pounds reaching its largest level of 564,936 pounds in 2006. Compared to the total average volume per fisherman, the average volume of saltwater finfish per fisherman (ranging from 569,266 pounds in 2001 to 955,867 pounds in 2008) was higher, while the average volume of freshwater finfish per fisherman (between 10,343 pounds in 2000 and 18,396 pounds in 2006) was lower.
2. The total average nominal dockside value of finfish per fisherman ranged from \$24,070 in 2001 to \$46,173 in 2008. Compared to these values, the average dockside value of saltwater finfish per fisherman (between \$34,327 in 2001 and \$76,585 in

2008) was higher, while the average dockside value of freshwater finfish per fisherman (between \$3,959 in 2000 and \$7,806 in 2007) was lower.

3. The top three freshwater finfish species with the annual average volume landed per fisherman were buffalo (15,880 pounds), gizzard shad (14,830 pounds) and unclassified shad (12,902 pounds). However, minnows, gizzard shad and blue catfish led in the average nominal dockside values per fishermen with \$3,924, \$3,385 and \$3,322, respectively.
4. The volume of menhaden harvested per fisherman ranged from 16.9 million pounds in 2005 to 29.6 million pounds in 2002, while its nominal dockside value per fisherman ranged from \$660,823 (2005) to \$1.2 million (2008). The top three non-menhaden saltwater finfish species with the annual average volume landed per fisherman were yellowfin tuna (42,062 pounds), red snapper (19,874 pounds) and blacktip shark (15,850 pounds). However, yellowfin tuna, red snapper and swordfish led in the average nominal dockside values of non-menhaden finfish per fishermen with \$135,339, \$52,503 and \$24,616, respectively.

IV. Hurricane Impacts and Recovery of Louisiana Finfish Fishery (2004 – 2009)

Examining the trends of fisherman's participation and activities as well as their performances revealed that only hurricanes Katrina and Rita (2005) and Gustav and Ike (2008) devastated Louisiana's finfish fishery. Katrina and Rita were category 3 hurricanes, while Gustav and Ike were categories 2 and 1, respectively. The following are the highlights of the changes, which occurred in the finfish fishery largely due to these hurricanes:

A. Participation and Activities

1. The numbers of fishermen and vessel owners who landed and sold finfish, regardless of where they lived and the type of gear they used, generally exhibited consistent decline, which was only aggravated during the hurricane years. Two years following hurricanes Katrina and Rita, there was an approximately 32.1 percent decline in the number of fishermen who landed finfish in 2004 (2,011 fishers). In 2008 when Gustav and Ike landed, there was a reduction of 5.4 percent from 1,474 fishermen who harvested finfish in 2007. However, a slight upward trend occurred between 2008 and 2009, which might be attributed to a return of fishermen to commercial finfish fishing. The changes in the number of vessel owners whose vessels harvested finfish were similar to the changes in the number of finfish fishermen.
2. Regionally, residents in the East of the Atchafalaya River Basin experienced major declines largely due to Katrina and Rita with a net of 41.0 percent decrease in the number of fishermen who landed finfish from 2004 to 2006, followed by residents who lived outside of Louisiana with 39.9 percent decline. For the West and North of the Atchafalaya River Basin, the number of fishermen fell by 13.6 percent and 3.5 percent, respectively, for the same period. The net reduction in the number of

fishermen between 2007 and 2008 (when Gustav and Ike occurred) were 18.8 percent for residence outside of Louisiana, 10.7 percent for North of the Atchafalaya and 9.7 percent for East of Atchafalaya. However, the number of fishermen in the West of the Atchafalaya increased by 7.4 percent from 2007 to 2008.

3. In the 2004-2006 period characterized by Katrina and Rita, the declines in the number of resident finfish vessel owners (Gustav and Ike) were 50.1 percent in the East of Atchafalaya Basin, 27.7 percent in places outside of Louisiana, (12.2 percent) and 15.1 percent in the West of the Atchafalaya Basin (2.5 percent). For the period associated with Gustav and Ike (2007-2008), the decreases in the number of finfish vessel owners were 12.5 percent for those who resided in the East of Atchafalaya, 12.2 percent in places outside of Louisiana, 2.5 percent in the West of the Atchafalaya.
4. The total number of fishing trips associated with finfish landings fell by 30.0 percent (from 76,415 trips in 2004 to 53,492 trips in 2006) but the average number of trips per fishermen increased by 1 trip (from 38 to 38 trips) for the same period mainly due to Katrina or Rita. The total and average numbers of fishing trips associated with finfish landings decreased by 9.3 percent (from 53,092 trips in 2007 to 48,177 trips in 2008) and 1 trip (from 36 to 35 trips), respectively, mainly as a result of Gustav or Ike.
5. The total length of fishing trips associated with finfish landing decreased by 38.0 percent from 3.3 million hours (2004) to 2.2 million hours (2006) following Katrina and Rita and by 16.5 percent from 2.4 million hours in 2007 to 2.0 million hours in 2008, the year during which Gustav and Ike landed. Similarly, the average length of fishing trips per finfish fisherman fell by 11.2 percent in 2006 from 42.1 hours in 2004 and by 7.3 percent in 2008 from 43.8 hours in 2007.

B. Landings, Average Dockside Prices and Dockside Values of Finfish

6. The volume of finfish landed in Louisiana fell to its period lows in 2005 and 2008 but rose thereafter. The total volume of finfish landings fell by 23.9 percent from 895.3 million pounds in 2004 to 681.3 million pounds in 2005 largely due to Katrina and Rita. For the same period, the volume of saltwater finfish fell by 24.2 percent from 883.3 million pounds to 669.6 million pounds, while the volume of freshwater finfish declined by 2.1 percent from 12.0 million pounds to 11.8 million pounds. In the period characterized by Gustav and Ike, the volume of all finfish, saltwater finfish and freshwater finfish decreased by 6.3 percent (from 814.6 million pounds in 2007 to 762.9 million pounds in 2008), by 6.4 percent (from 802.3 million pounds in 2007 to 751.3 million pounds in 2008) and by 5.9 percent (from 12.4 million pounds in 2007 to 11.6 million pounds in 2008), respectively.
7. The average nominal dockside price per pound fell by 27.8 percent (from \$0.72 in 2004 to \$0.52 in 2005) for freshwater finfish and by 11.0 percent (from \$0.91 in 2004

- to \$0.81 in 2005) for all finfish but rose for saltwater finfish by 11.3 percent (from \$1.06 in 2004 to \$1.18 in 2005). These changes could be attributed to Katrina and Rita. In 2008 when Gustav and Ike hit Louisiana, the average nominal dockside price per pound declined by 3.4 percent (i.e., from \$0.59 in 2007 to \$0.57 in 2008) for freshwater finfish, by 2.4 percent (i.e., from \$0.82 in 2007 to \$0.80 in 2008) for all finfish and by 0.9 percent (i.e., from \$1.14 in 2007 to \$1.13 in 2008).
8. Between 2004 and 2005, the nominal dockside value increased by 2.4 percent (from \$4.1 million to \$4.2 million) for freshwater finfish but decreased by 27.0 percent (from \$ 61.9 million to \$45.1 million) for saltwater finfish and by 25.2 percent (from \$65.9 million to \$49.3 million) for all finfish combined. These changes could be attributed largely to Katrina and Rita. Between 2007 and 2008, the nominal dockside value declined by 20.2 percent (from \$5.3 million to \$4.2 million) for freshwater finfish, by 0.2 percent (from \$60.3 million to \$60.2 million) for saltwater finfish and by 1.8 percent (from \$65.6 million to \$64.4 million) for all finfish. These changes could be attributed largely to Gustav and Ike.
 9. Finfish landings by fishermen who resided in the East of the Atchafalaya Basin suffered the largest decrease of 37.5 percent in 2005 (from 194.0 million pounds in 2004) due largely to Katrina and Rita, followed by individual who lived outside of Louisiana whose landings declined by 31.5 percent from 479.9 million pounds in 2004. Conversely, residents of North and West of Atchafalaya added in 2005 approximately 11.4 percent and 3.7 percent to their volumes of 2004 (i.e., 4.5 million pounds and 216.9 million pounds, respectively). Due to Gustav and Ike, the volume of finfish landed in 2008 declined by 12.0 percent (from 258.2 million pounds in 2007) for East of the Atchafalaya, by 11.9 percent (from 6.2 million pounds in 2007) for North of the Atchafalaya, by 10.8 percent (from 309.1 million pounds in 2007) for outside of Louisiana and by 7.1 percent (from 241.1 million pounds in 2007) for West of the Atchafalaya resident fishermen.
 10. Compared to 2004, the nominal dockside value of finfish landings declined in 2005 due to Katrina and Rita by 32.8 percent (from \$23.9 million) for residents of parishes outside of Louisiana, followed by 29.4 percent decline (from \$29.2 million) for resident in the East of Atchafalaya and by 4.0 percent (from \$11.6 million) residents in the West of Atchafalaya Basin. However, North of the Atchafalaya's residents added in 2005 approximately 17.9 percent to its value (\$1.1 million) in 2004. When compared to 2007, the nominal value of finfish declined in 2008 due to Gustav and Ike by 18.5 percent (from \$36.2 million) for East of the Atchafalaya and by 13.8 percent (from \$1.8 million) for North of the Atchafalaya but rose by 12.7 percent (from \$15.7 million) for outside of Louisiana and by 9.1 percent (from \$11.1 million) for West of Atchafalaya resident fishermen.
 11. The share of finfish landings from LDWF trip ticket basins fell by 44.4 percent from 336.6 million pounds (2004) to 203.9 million pounds (2005) due to Katrina and Rita,

- while the share from the federal grids fell by 9.9 percent from 528.7 million pounds (2004) to 476.2 million pounds (2005). The volume of finfish associated with the federal grids declined by 17.0 percent from 494.1 million pounds (2007) to 410.3 million pounds (2008) as a result of Gustav and Ike, while finfish landings associated with the Louisiana basins increased by 10.7 percent from 318.5 million pounds (2007) to 352.6 million pounds (2008).
12. In the year that Katrina and Rita occurred, the total average nominal dockside price declined for finfish associated with the Louisiana basins by 17.1 percent from \$0.70 per pound in 2004 to \$0.58 per pound in 2005, while total average nominal dockside price per pound rose for finfish associated with the federal grids by 1.9 percent from \$1.54 to \$1.57. However, only the total average nominal dockside price of finfish associated with the federal grids experienced a net change (an increase) of approximately 3.0 percent (from \$1.64 per pound in 2007 to \$1.69 per pound in 2008) as a result of Gustav and Ike.
 13. The nominal dockside value of finfish associated with the Louisiana basins fell by a net of 38.4 percent from \$28.5 million in 2004 to \$17.6 million in 2005 due to Katrina and Rita, while the net decline was 15.3 percent (from \$37.4 million in 2004 to \$31.7 million in 2005) for the nominal dockside value of finfish associated with the federal grids. Attributed to Gustav and Ike was the net gain in the nominal dockside values finfish associated with the basins (6.1 percent from \$33.7 million in 2007 to \$35.8 million in 2008) and the net loss in the nominal dockside value of finfish associated with the federal grids (9.9 percent from \$31.8 million in 2007 to \$28.6 million in 2008).
 14. The average volume of finfish landed per finfish fisherman dropped by 1.5 percent between 2004 (445,208 pounds) and 2005 (438,431 pounds) probably due to Katrina and Rita. However, the average volume per finfish fisherman rose for both freshwater finfish by 7.7 percent (13,684 – 14,734 pounds) and saltwater finfish by 11.2 percent (691,156 – 768,730 pounds) for the same period. Following Gustav and Ike, the average pounds of finfish per fisherman rose between 2007 and 2008 by 5.4 percent (906,544 – 995,867 pounds) but fell by 8.1 percent (18,247 – 16,778 pounds) for freshwater finfish and by 1.0 percent (552,676 – 546,910 pounds) for saltwater finfish.
 15. The average nominal dockside value of finfish sold per finfish fisherman dropped by 3.2 percent between 2004 (\$32,779) and 2005 (\$31,721) due to Katrina and Rita. However, the average nominal dockside value per fisherman rose for freshwater finfish by 12.7 percent (\$4,620 – \$5,206) and for saltwater finfish by 7.1 percent (\$48,404 - \$51,825) for the same period. Due to Gustav and Ike, the average nominal dockside value of all finfish and saltwater finfish per fisherman rose between 2007 and 2008 by 3.8 percent (\$44,490 – 46,173) and by 12.4 percent (\$68,128 - \$76,585), respectively but fell by 22.1 percent (\$7,806 - \$6,083) for freshwater finfish.

16. For the most part, the findings show that recovery process for the finfish fishery started two years after Katrina and Rita for the majority of the indicators in this report. The recovery continued until it was interrupted by Gustav and Rita. However, when compared to Katrina and Rita, the lag between occurrence of Gustav or Ike and the beginning of recovery from their effects was shorter, lasting only a year.

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Chapter 1 - Participation and Activities in the Finfish Fishery

This chapter provides information on participation and activities of commercial fishermen who were reported to have landed or sold at least a pound of finfish (hereafter finfish fishermen) to a wholesale/retail dealer (henceforth, finfish dealers) at a Louisiana dock. The information provided includes description of involvement by finfish species type, parish of residence of fishermen and vessel owners, etc. When possible, information is disaggregated into major finfish species and any inconsistent information or division, which violates the state confidentiality laws (e.g., when the number of individuals is less than four), is excluded.

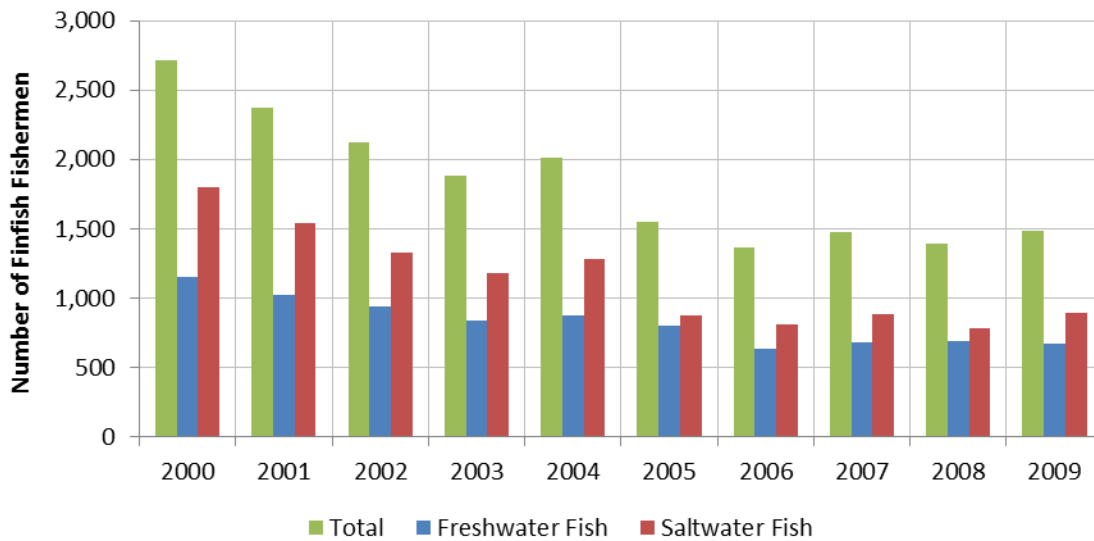
1.1 General Participation and Activities in Finfish Fishing

This section follows the trip ticket classification scheme to divide finfish into species types: freshwater and saltwater finfish. The measures of participation and activities considered under these divisions are the numbers of fishermen, dealers and fishing vessels, the number and length of fishing trips, etc. These numbers are not additive unless stated otherwise.

1.1.1 Finfish Fishermen and Dealers

The number of fishermen who landed or sold at least a pound of finfish to a seafood dealer in Louisiana from 2000 through 2009 is shown in Figure 1.1. This number may include fishermen who did not target finfish directly but caught it as by-catch finfish when harvesting non-fish species such as shrimp or crabs.

Except for a small number of interruptions in 2004 and 2007, the plot shows that the number of finfish fishermen, regardless of species type, has declined consistently over the years.

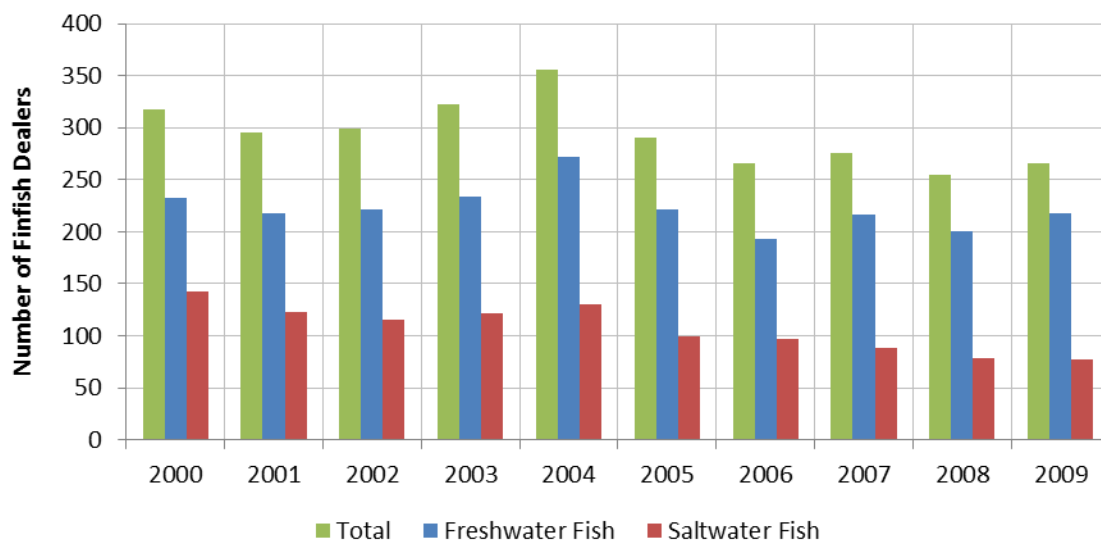


Source: Appendix Table A.1.

Figure 1.1 Number of Fishermen Who Landed and Sold Finfish by Species Type, 2000 – 2009

It started with a total of 2,711 fishermen in 2000 but declined by a half (49.6 percent) to 1,365 in 2006. The patterns appear the same when considered under the freshwater or saltwater finfish: the number freshwater (saltwater) finfish fishermen fell by 44.5 percent (55.2 percent) from 1,148 to 637 (1,802 to 808) during the same period. For any given year, the number of fishermen who landed or sold saltwater fish was more than the freshwater fish fishermen and the percent decline in the number of saltwater fish fishers overshoot that of freshwater fish by 10.7 percent, thereby contributing more to the decline in the total number of finfish fishermen.

Figure 1.2 shows that the number of finfish dealers (dealers who purchased at least a pound of finfish) between 2000 and 2009. The rise in the number of finfish dealers is comparable among the three trend lines indicating total, freshwater and saltwater participation



Source: Appendix Table A.1.

Figure 1.2 Number of Dealers Who Purchased Finfish by Species Type, 2000 – 2009

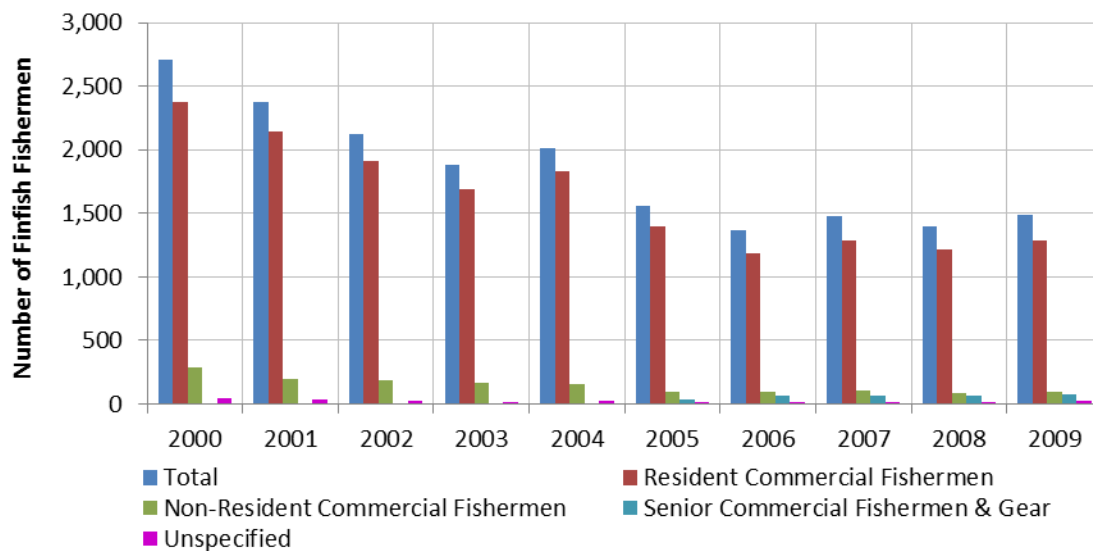
for most of the first half of the period until they peaked in 2004 and fell thereafter. Specifically, there was a total of 356 finfish dealers in 2004 among whom 272 purchased freshwater fish, while only 130 handled saltwater fish. Interestingly, the number of freshwater fish dealers trended in a way similar to the total number of finfish dealers, but increasingly diverging from that of saltwater fish dealers. The fall in the number of finfish dealers reached a turning point in 2006 for the total finfish (266 dealers) and freshwater fish (193 dealers) and the trends have fluctuated about these numbers since then. However, the number of saltwater fish fishers has declined consistently since 2004 reaching 77 dealers in 2009.

Any attempt to combine the information in this section to compute fisherman-dealer ratios for the finfish fishery is strongly discouraged for such attempt will result in misleading ratios. An important reason for this caveat is that individuals who held a fresh product dealer

license double up as both fishermen and seafood dealers who sell their catches directly to the public. Also, the number of fishermen who harvested and the number of dealers who bought finfish might have included non-active participants in the finfish fishery.

1.1.2 Number of Finfish Fishermen by Type of Fishing License

Figure 1.3 shows the type of commercial fishing license purchased by the fishermen who reported that they landed or sold finfish in Louisiana from 2000 through 2009. The most common type of license held by finfish fishermen was the resident commercial fisherman license, held annually by an average of 88.7 percent. An average of 7.8 percent held a non-resident commercial license and 3.4 percent held either senior commercial fishermen and gear licenses or did not specified a type of license they purchased.



Source: Appendix Table A.2. Note: Alien commercial fishermen license was discontinued after 2000 and it was combined with non-resident commercial fisherman license. Also 2005 was the first year for the senior commercial fishermen and gear license.

Figure 1.3 Number of Finfish Fishermen by Type of Fishing License, 2000 – 2009

1.1.3 Place of Residence of Finfish Fishermen

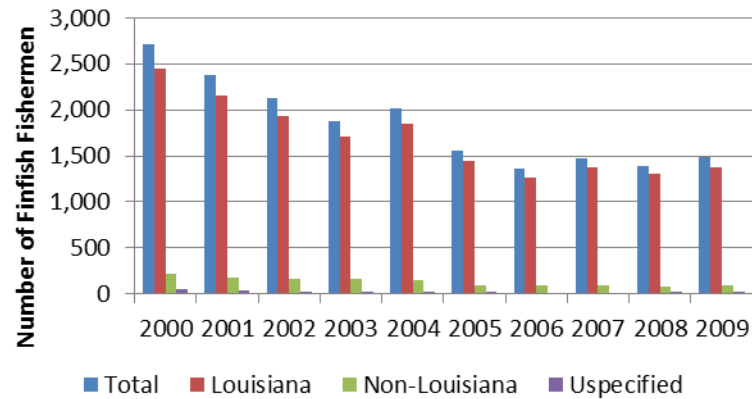
The place of residence of fishermen who landed or sold finfish from 2000 through 2009 is shown in Figure 1.4 (Plots A to D). Plot A shows that over nine of ten finfish fishermen (91.7 percent or 1,684 individuals) resided in Louisiana in every year within the 2000-2009 period, while an average of 7.1 percent (130 finfish fishermen) lived in other states. See Chapter 2 (section 2.1.4.3) for information on finfish landings and values for non-Louisiana's residents.

Parishes of residence in Louisiana were sorted in descending order using a 10-year average of the number of resident fishermen. The top eighteen (18) parishes are distributed into Plot B to Plot D. Plaquemines, Jefferson and St. Mary were the top parishes where finfish fishermen resided in Louisiana between 2000 and 2009. The number of finfish fishermen who resided in Plaquemines Parish during this period was between a high of 376 fishermen in 2000 and a low of 137 individuals in 2006 with an average of 246. Between 344 in 2000 and 145 in 2006 lived in Jefferson Parish with an average of 229. In St. Mary, the number of finfish fishermen ranged from 201 fishermen in 2000 and 94 fishermen in 2007 with an average of 135.

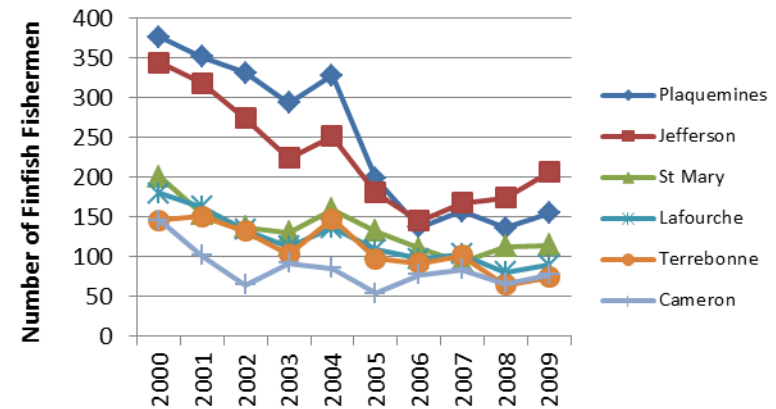
Other places of interest with the average number of finfish fishermen who lived there were Lafourche Parish (121), Terrebonne Parish (111) and Cameron Parish (85). For many parishes, the biggest declines in the number of resident commercial finfish fishermen occurred prior to 2005. The number in many other parishes seems fairly stable from 2006 to 2009.

The remaining parishes are distributed into Plot C and Plot D. Similar to Jefferson Parish (Plot B), which showed a substantial growth (42.1 percent) in the number of resident finfish fishermen from 145 fishermen in 2006 to 206 fishermen in 2009, the number of individuals grew for the same period by 36.0 percent in Orleans Parish from 25 to 34 fishermen (Plot C) and by 21.3 percent (from 47 to 57 fishermen) in Calcasieu parish (Plot D). The largest growth of 194.4

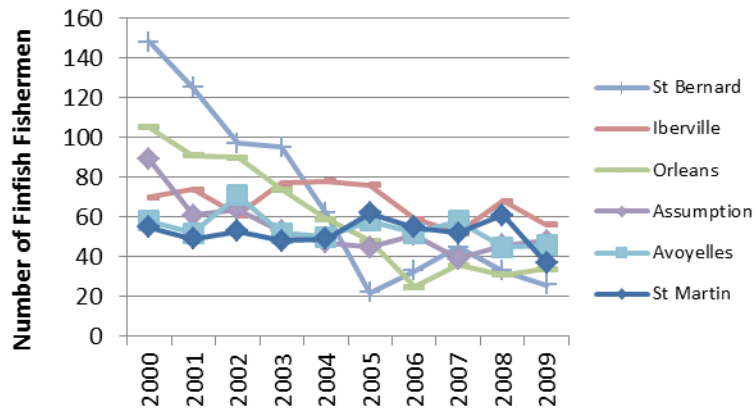
Plot A: Finfish Fishermen by State of Residence



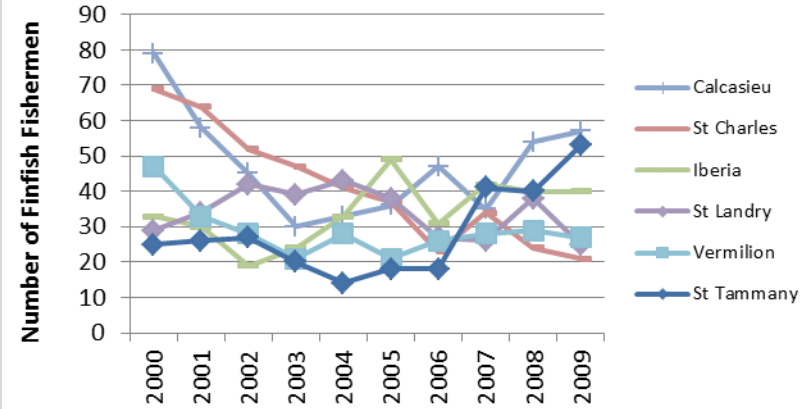
Plot B: Top Group of Louisiana Parishes



Plot C: Second Group of Louisiana Parishes



Plot D: Third Group of Parishes



Source: Appendix Table A.3.

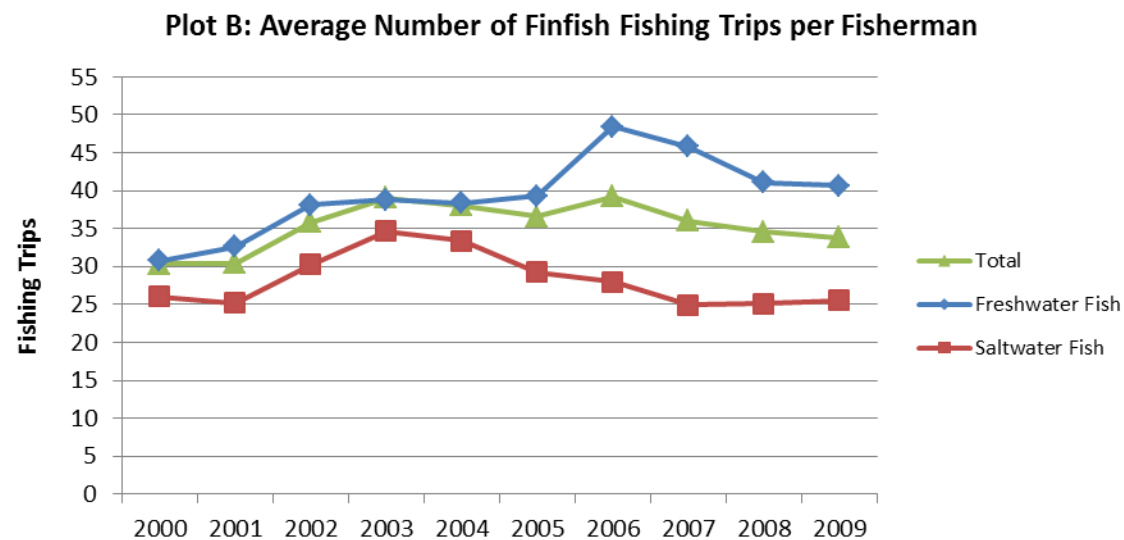
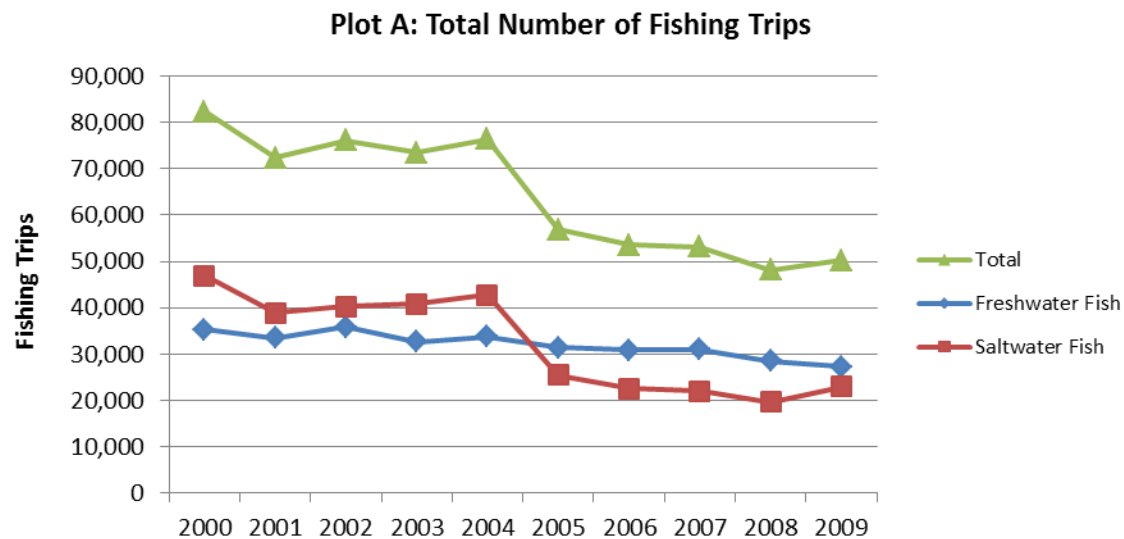
Figure 1.4 Number of Finfish Fishermen by Place of Residence, 2000 – 2009

percent (from 18 to 53) occurred for the number of resident fishermen who lived in St. Tammany parish (Plot D). Interestingly, the number of finfish fishermen fell overall and in most parishes, but rose in four parishes: St. Tammany, Jefferson, Orleans and Calcasieu since 2006, a year after hurricanes Katrina and Rita in Louisiana.

1.1.4 Finfish Fishing Trips

Finfish fishing trips include all fishing trips for which, at least, a pound of a given species of finfish was harvested, landed or sold irrespective of whether or not finfish was the primary target. The number of trips is determined using the length of time a trip takes from and to a starting point (e.g., a dock). The number and the length of fishing trips associated with finfish landings from 2000 through 2009 are shown in Figures 1.5 and 1.6.

Figure 1.5 shows the total number of trips (Plot A) and the average number of trips per fishermen (Plot B) who landed or sold at least a pound of finfish. The total number of finfish fishing trips and the number of saltwater finfish related trips were similar in patterns and trends. The trends for the total and saltwater related fishing trips appear relatively flat but higher during the first half (2000 to 2004) of the period between 2000 and 2009 but declined sharply between 2004 and 2005. Precisely, the total number of finfish related trips fell by 41.4 percent from 82,271 trips in 2000 to 48,177 trips in 2008 but averaged 64,214 trips in the period between 2000 and 2009. Similarly, the number of fishing trips resulting in landing saltwater finfish fell by 58.0 percent from approximately 46,957 trips in 2000 to 19,710 trips in 2008 and averaged 32,233 trips (2000-2009). For fishing activities, which resulted in freshwater fish being caught, the number of fishing trips declined by 22.8 percent from 35,314 trips in 2000 to 27,251 trips in 2009 but averaged 31,981 trips per year for the entire 2000-2009 period.



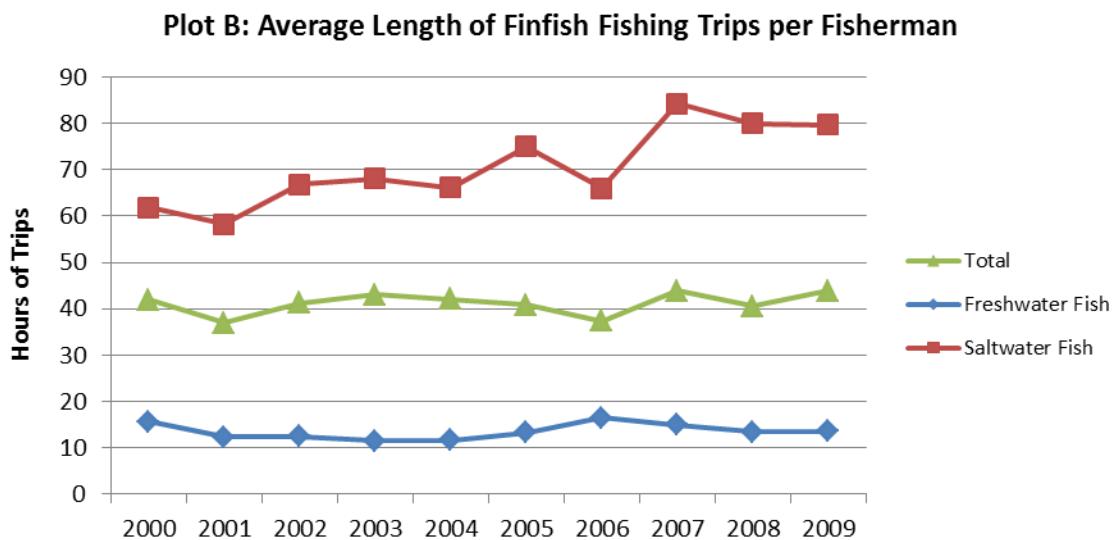
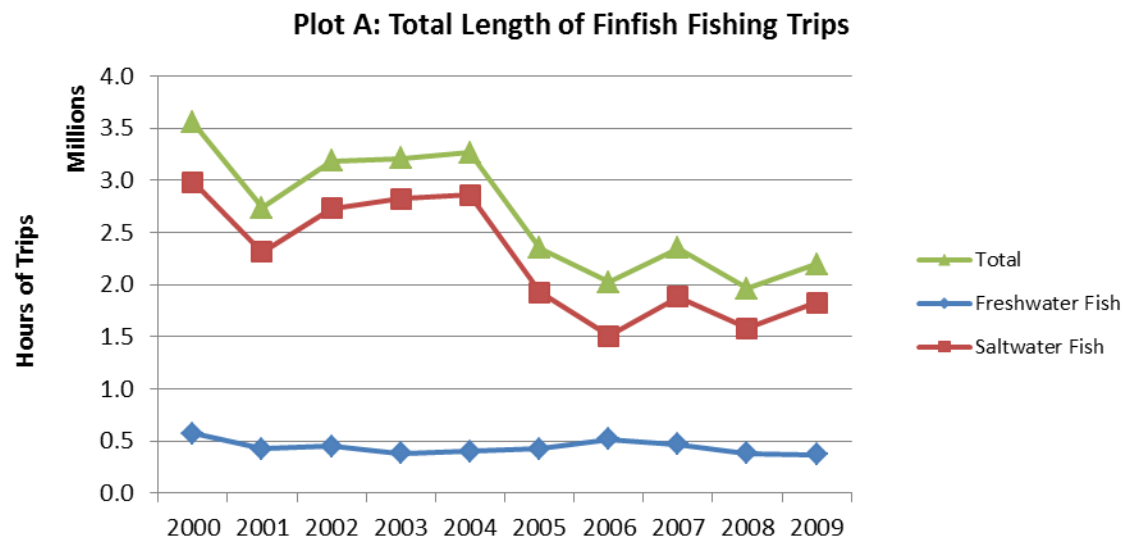
Source: Appendix Table A.4.

Figure 1.5 Total and Average Numbers of Finfish Fishing Trips by Species Type, 2000 – 2009

In Plot B, the average number of fishing trips resulting in a freshwater fish being landed per fisherman was above the average total number of trips from 2000 through 2009, which in turn was higher the average number of trips for which saltwater fish landings was reported. The average freshwater finfish fishing trips per fisherman rose from 31 trips (2000) and peaked at 48 trips (2006) but declined for saltwater finfish fishing trips per fisherman especially since 2003 when it peaked at 35 trips until it reached its low (25 trips) in 2007. The total average number of fishing trips per fisherman, which rose from 30 trips in 2000 but double peaked at 39 trips in 2003 and 2006, followed an upward trend similar to that for freshwater fish related average fishing trips.

Figure 1.6 shows the total and average length (number of hours) of trips associated with finfish fishing (i.e., from when an individual left the dock or boat launch to when the individual arrived at the same starting point). In Plot A, the total length of fishing trips associated with all finfish and the total length of trips associated with saltwater fish landings show similar erratic trends with the latter contributing tremendously to the former. For all finfish landed or sold, the cumulative trip hours fluctuated between 3.6 million hours (2000) and 2.0 million hours (2008), representing a 44.8 percent decline with approximately two-third (28.0 percent) occurring between 2004 and 2005. For saltwater finfish, the total trip length fluctuated between 3.0 million hours (2000) and 1.5 million hours (2006), representing a 49.4 percent decline with the major portion (32.7 percent) contributed between 2004 and 2005. The total number of hours associated with freshwater finfish landings was less erratic, but fell by 34.8 percent from approximately 571.0 thousand (2000) to 372.0 thousand (2009).

In Plot B, only the average length of trips for which saltwater fish was landed displays an upward trend from about 58.2 hours (2001) to 84.2 hours (2007) except some years, especially



Source: Appendix Table A.4.

Figure 1.6 Total and Average Lengths of Finfish Fishing Trips by Species Type, 2000 – 2009

2006 and 2008, when some interruptions occurred. On average, fishermen who landed saltwater finfish spent 70.6 hours (about 3 days) per fishing trip. Likewise, fishermen who landed or sold a species type of finfish as well as freshwater finfish, in particular, spent an average of 41.2 hours and 13.5 hours per fishing trip, respectively.

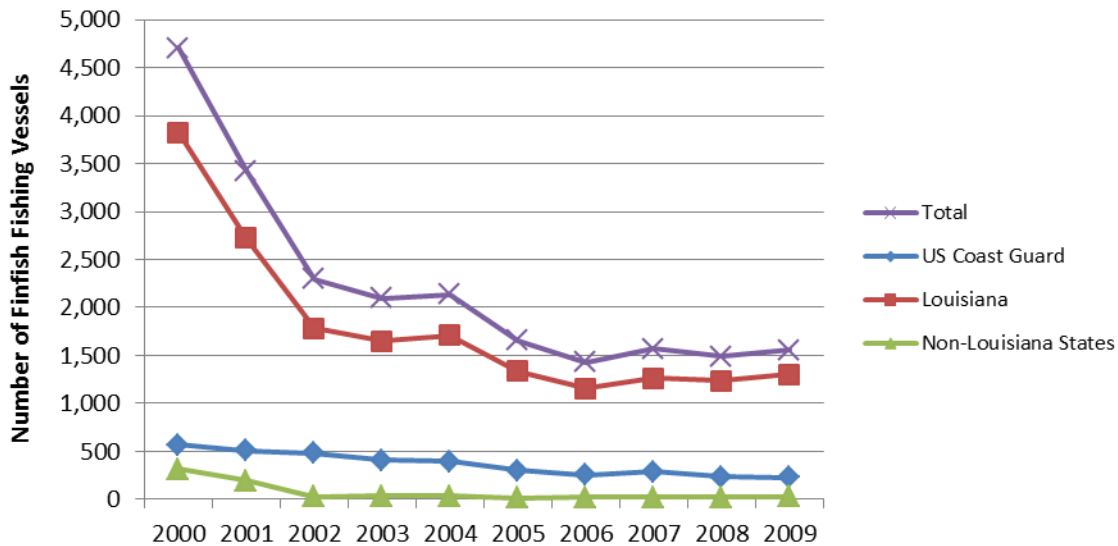
1.1.5 Finfish Fishing Vessels

This section contains information on the number of vessels that were connected with finfish landings (hereafter finfish vessels), type of vessel registration, residence status and parish of residence of vessel owners and the sizes of the vessels. However, finfish might not have been the primary target of the fishermen for the fishing trip.

1.1.5.1 Finfish Vessels by Type of Registration

Fishing vessels can be registered at the states (i.e., Louisiana and non- Louisiana States) or documented with the U.S. Coast Guard. The fishing vessels which landed finfish of any species or quantity (finfish vessels) were categorized according to the type of registration. Hence, there are Louisiana registered vessels, non-Louisiana states registered vessels and Coast Guard documented vessels.

On average, 80.6 percent of vessels connected to finfish harvests in the 2000-2009 period were registered in Louisiana, 2.4 percent were registered in states other than Louisiana and 17.0 percent were documented with the U.S. Coast Guard (Figure 1.7). The number of registered vessels in Louisiana ranged from 3,823 in 2000 to 1,155 in 2006. There were fairly downward trends in the number of finfish vessels in each registration category. Trial plots of the numbers of fishing vessels that landed finfish by species type under individual types of registration indicated that over 99.0 percent of U.S. Coast Guard documented vessels and approximately 79.2



Source: Appendix Table A.5.

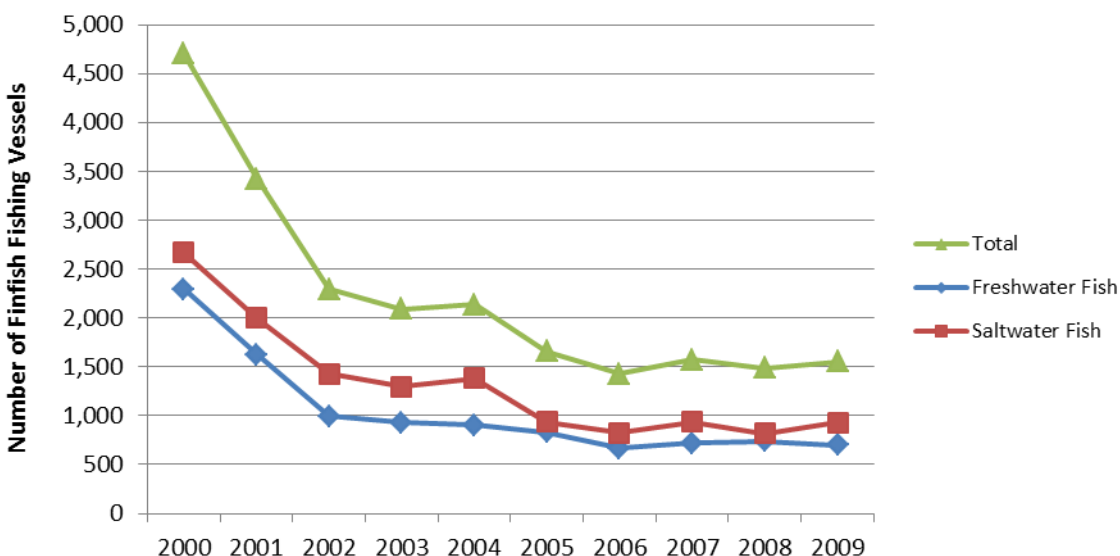
Figure 1.7 Number of Finfish Fishing Vessels by Type of Registration, 2000 – 2009

percent vessels registered in non-Louisiana states landed saltwater finfish, while approximately 56.3 percent of Louisiana registered vessels landed freshwater finfish.

1.1.5.2 Finfish Vessels by Species Type

The total number of fishing vessels, which landed finfish or a species type of finfish (finfish vessels) in Louisiana from 2000 through 2009, is shown in Figure 1.8. Fishermen started with a total of 4,703 finfish vessels in 2000. While it is possible that some of these vessels might have landed both freshwater and saltwater finfish during a typical fishing trip, about 2,669 reportedly landed saltwater finfish, and 2,297 landed freshwater finfish.

A sharp decline occurred between 2000 and 2002 for the numbers of vessels, which landed finfish in general and saltwater and freshwater fish in particular, followed by a relatively small decline between 2004 and 2006. The total numbers of vessels which landed finfish, saltwater finfish and freshwater finfish fell by 2,407 vessels (51.2 percent), 1,243 vessels (46.6



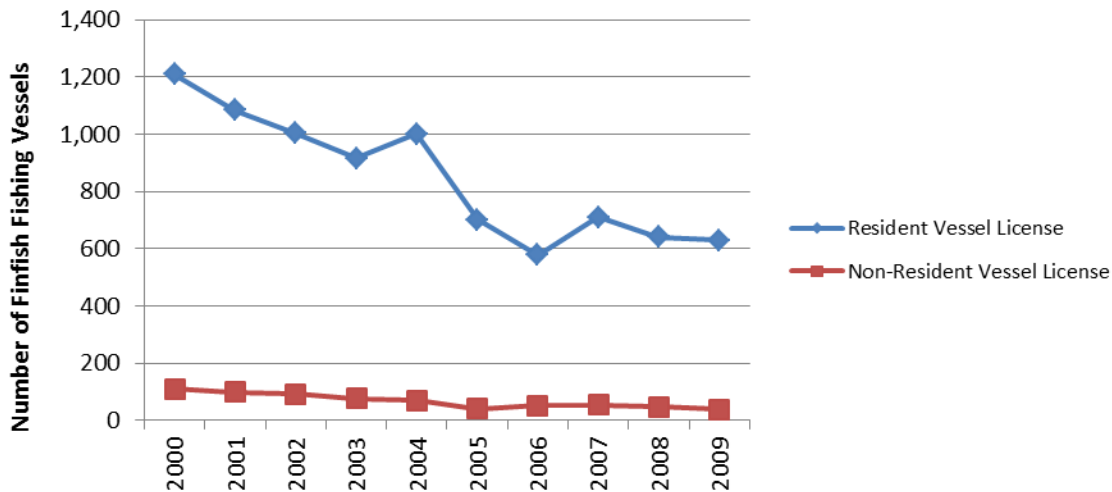
Source: Appendix Table A.6.

Figure 1.8 Number of Finfish Fishing Vessels by Species Type, 2000 – 2009

percent) and 1,303 vessels (56.7 percent), respectively, between 2000 and 2002. Likewise, the total numbers of vessels which landed finfish, saltwater finfish and freshwater finfish between 2004 and 2006 fell by 33.2 percent (from 2,137 to 1,427 vessels), 40.3 percent (from 1,384 to 826 vessels), and 26.0 percent (from 903 to 668 vessels), respectively, and have fluctuated around the 2006 levels since then.

1.1.5.3 Residence Status and Parish of Residence of Finfish Vessel Owners

Residence status of owners of fishing vessels, which landed finfish at Louisiana docks, was determined by the type of commercial vessel license that they held during the 2000-2009 period. Thus, there are resident, non-resident and alien vessel licenses. License type was not specified for approximately one-half (56.4 percent yearly) of the finfish fishing vessels. Nevertheless, Figure 1.9 shows that approximately 92.4 percent of the remaining one-half whose license type was specified were owned by individuals who held a resident vessel license.

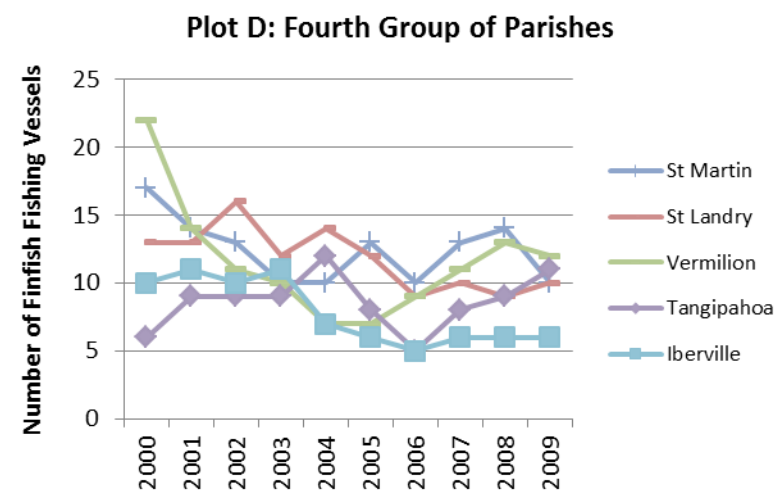
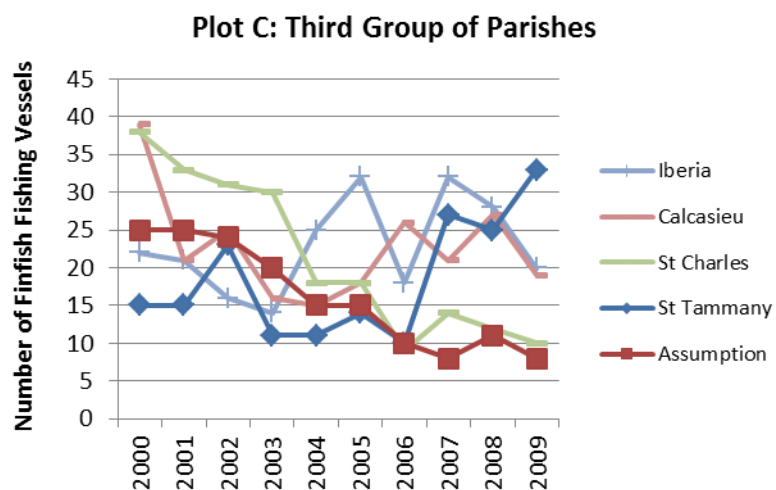
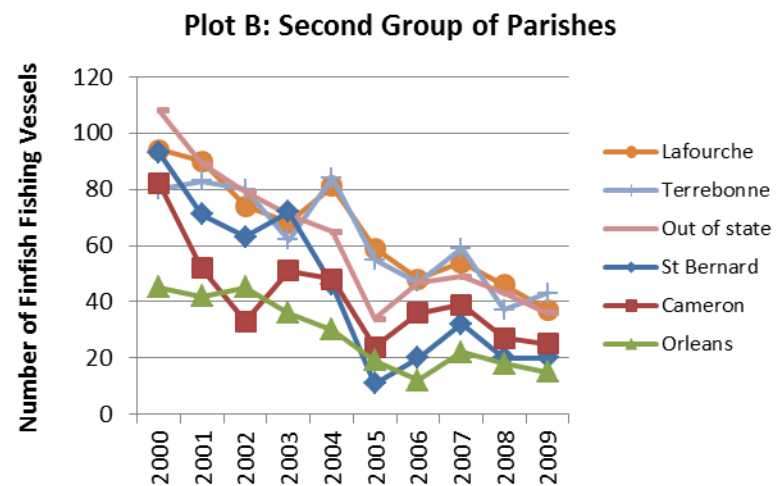
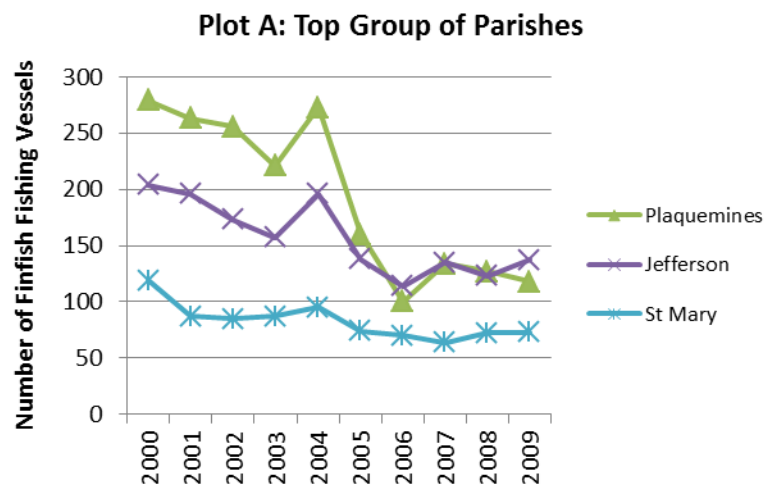


Source: Appendix Table A.7. Note that the plots were based on the average of 43.6 percent of vessel owners who specified a resident status in the 2000-2009 period. The non-resident vessel license includes 33 alien vessel licenses recorded only in 2000.

Figure 1.9 Number of Finfish Fishing Vessels by Owner's Residence Status, 2000 – 2009

Figure 1.10, consisting of Plot A to Plot D, shows the number of fishing vessels, which landed finfish by their owner's parish of residence in the 2000-2009 period. The general downward trend in the number of vessel landing finfish in each parish is consistent with the decline in the total number of fishing vessels, irrespective of seafood species they landed.

Plot A shows the top three parishes with the largest number of vessel owners who resided there: Plaquemines (between 279 individuals in 2000 to 100 in 2006), Jefferson (between 204 in 2000 and 116 in 2006) and St. Mary (between 119 in 2000 to 64 in 2007). On average, 193 vessel owners resided in Plaquemines, 157 lived in Jefferson, and 83 were in St. Mary. The pre-2005 average (post-2005 average) of vessel owners who lived in these parishes were 258 (120), 185 (127) and 95 (70), respectively. Similar patterns occurred for parishes in Plots B to D. Interestingly, the number of fishing vessels which landed finfish in all parishes remained low post-2005 except for Calcasieu and St. Tammany (Plot C) as well as Vermilion and Tangipahoa (Plot D).



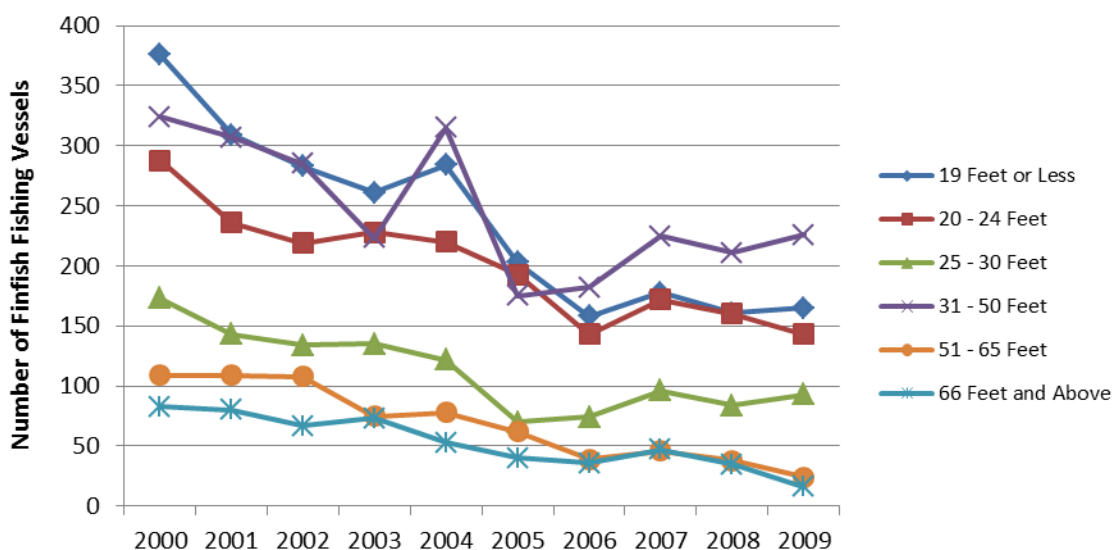
Source: Appendix Table A.8.

Figure 1.10 Number of Finfish Vessels by Owner's Parish of Residence, 2000 – 2009

1.1.5.4 Length of Finfish Vessels

The length of vessels, which landed finfish from 2000 to 2009, could be determined only for fishermen for whom boat licensing data were available. Fishing vessels were group into six size categories based on the foot length of the vessels. These categories are “19 feet or less,” “20-24 feet,” “25-30 feet”, “31-50 feet”, “51-65 feet” and “66 feet or over.” In an average year, only 44.0 percent of the finfish fishing vessels could be linked to length data.

With a high of 324 vessels in 2000 and a low of 175 in 2005, category of finfish vessels from 31 to 50 feet long contained more vessels than any other category in four of the last 5 years (Figure 1.11). Following this were 19 feet or less category (between 376 in 2000 and 158 in 2006) and 20 to 24 feet category (between 288 in 2000 and 143 in 2006 or 2009). Between 173 finfish vessels (in 2000) and 70 vessels (in 2005) are 25 to 30 feet long. For most of the years, there were fewer than 80 vessels in the 51 to 65 feet long category and fewer than 70 vessels in the over 65 feet long category.



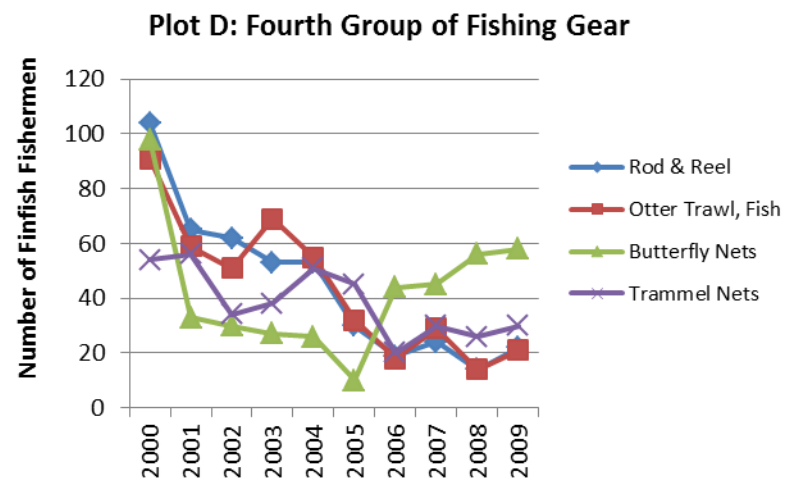
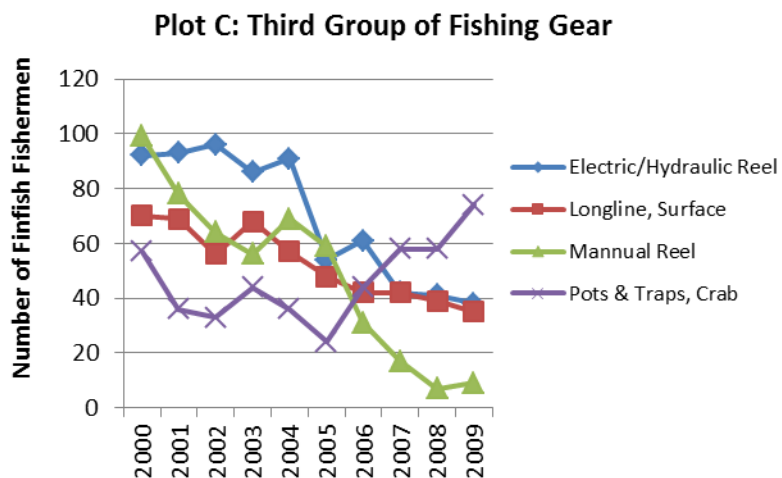
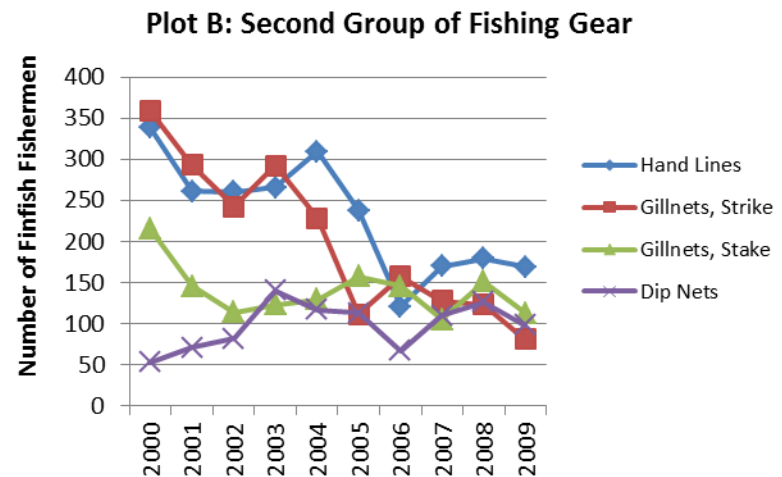
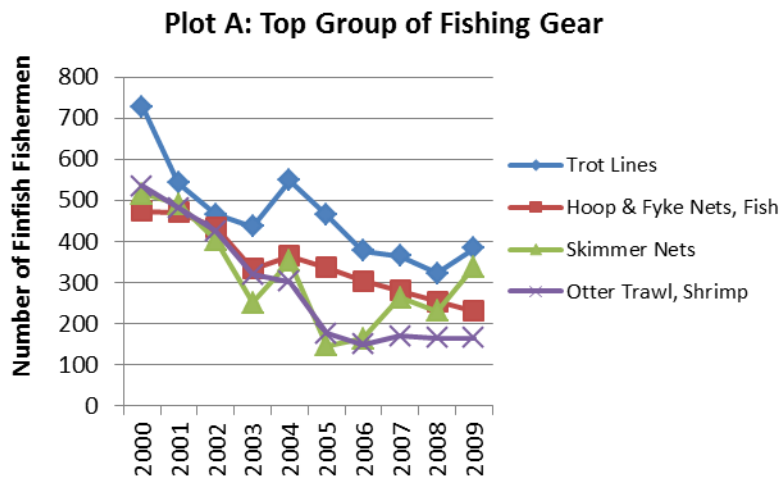
Source: Appendix Table A.9. Note that vessel length was indicated for an annual average of 44.0 percent of finfish vessels.

Figure 1.11 Number of Finfish Fishing Vessels by Vessel Length Category, 2000 – 2009

1.1.6 Finfish Fishing Gear

Figure 1.12, Plots A to D shows the number of fishermen with the dominant types of gear they reportedly used on a trip when finfish was harvested from 2000 through 2009. The top two fishing gear with the number of fishermen who used them are trot lines (ranging from 728 fishermen in 2000 to 323 fishermen in 2008) and fish hoop and fyke nets (474 fishermen in 2000 and 231 fishermen in 2009). Next are skimmer nets with the number of fishermen who used them to harvest finfish (516 fishermen in 2000 to 338 fishermen in 2009) catching up gradually with trotlines as well as hoop and fyke nets.

The number of fishermen who caught finfish on a trip associated with shrimp otter trawl or hand lines was high initially but has been below 170 in recent years. There were fewer than 100 fishermen who have used each of the other gear types such as electric or hydraulic reel, surface longline, crab pots and traps. As in the case of skimmer nets, the number of individuals who reported landing fish during trips connected to crab traps and pots (Plot C) increased three-fold from its minimum of 24 fishermen in 2005 to reach its maximum of 74 fishermen in 2009. Similarly, the number of individuals who harvested finfish on trips using butterfly nets (Plot D) increased from 10 fishermen in 2005 to 58 fishermen in 2009.



Source: Appendix Table A.10.

Figure 1.12 Number of Fishermen by Finfish Fishing Gear, 2000 – 2009

1.2 Sector Specific Participation and Activities

In this section, information from the previous section is disaggregated for clarity on relevant components of the two types of finfish species (i.e., freshwater finfish and saltwater finfish). This information includes a breakdown of fisherman's participation or activities by species, parishes of residence of fishermen and vessel owners, vessel length and gear.

1.2.1 Freshwater Finfish

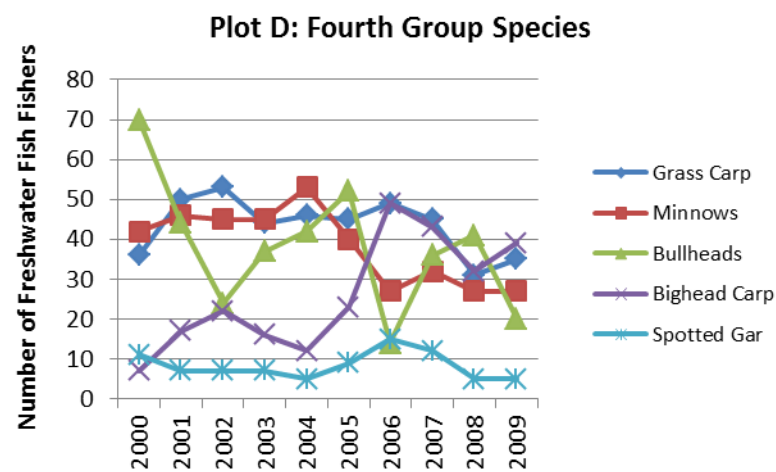
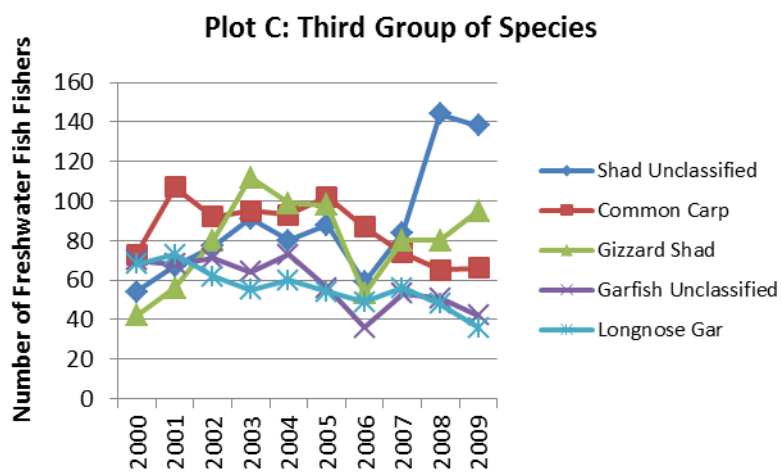
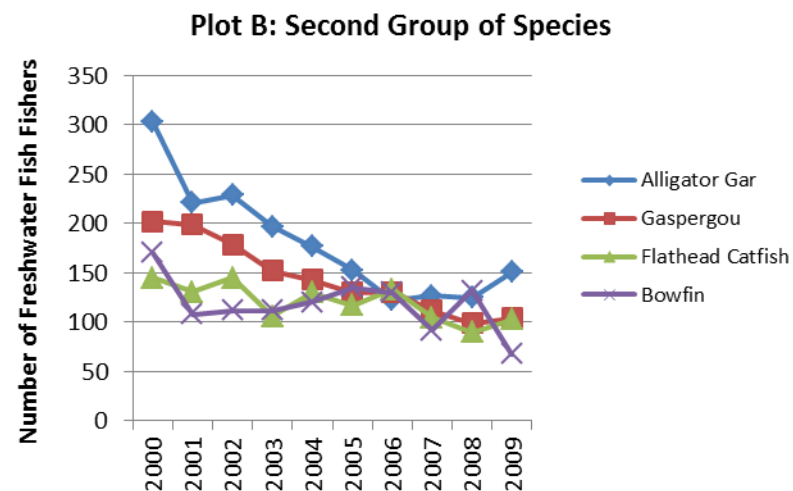
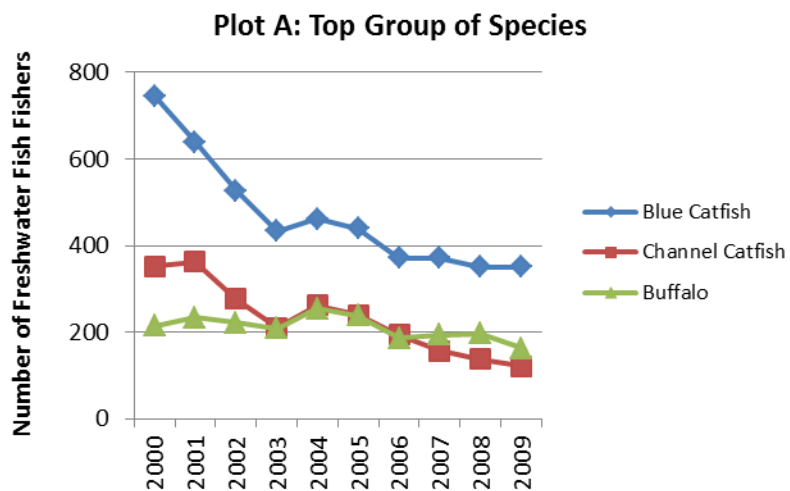
1.2.1.1 Freshwater Fish Species

Figure 1.13 shows the number of fishermen by the freshwater fish species they reportedly landed from 2000 through 2009. The top freshwater fish (Plot A) are blue catfish, channel catfish (eel cat or willow cat) and buffalo. They were harvested by an annual average of 469 fishermen, 231 fishermen and 211 fishermen, respectively. Plot B shows the next four fish species (alligator gar, gaspergou or freshwater drum, flathead catfish or Opelousas cat and bowfin), which were landed by an average of 181, 145, 121 and 118 fishermen, respectively.

Between averages of 56 and 88 fishermen annually landed longnose gar, unclassified garfish, gizzard shad, common (German) carp and unclassified shad (Plot C), while less than an average of 44 fishermen landed each of the other freshwater fish in Plot D. Participation in shad harvesting (especially unclassified shad in Plot C) witnessed a jump of 144.1 percent from 59 fishermen in 2006 to 144 fishermen in 2008, while participation in bighead carp (Plot D) jumped by 308.3 percent from 12 fishermen in 2004 and 49 fishermen in 2006.

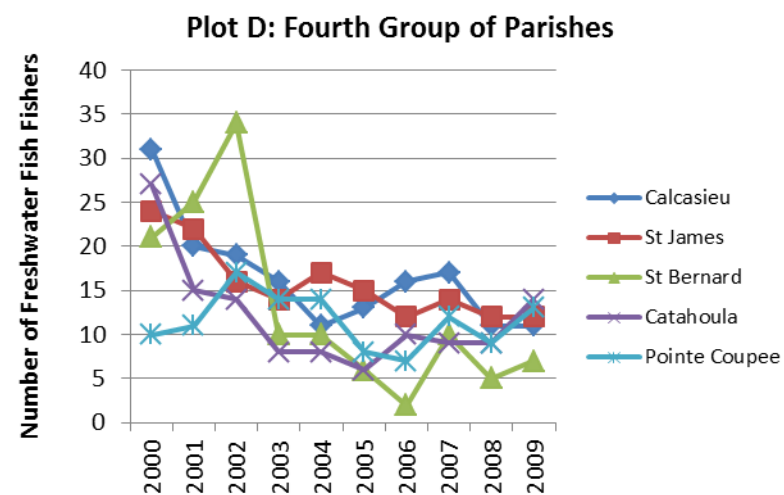
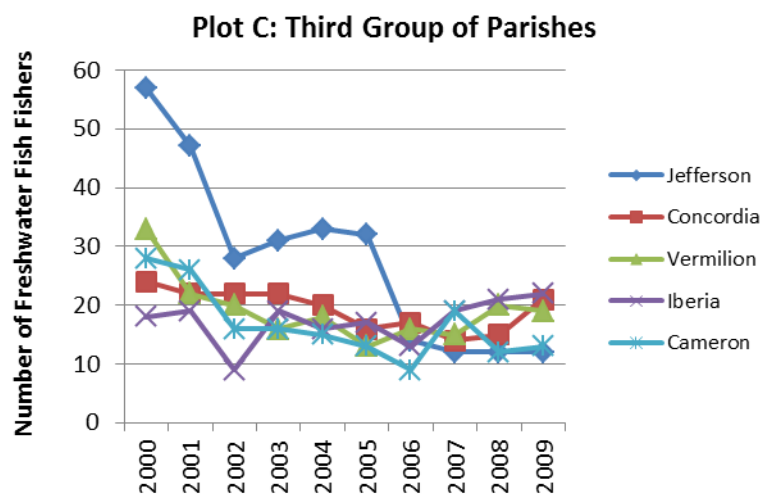
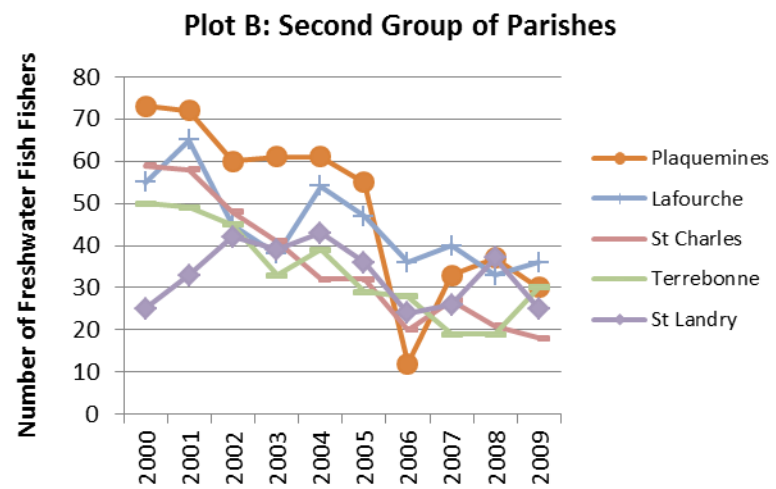
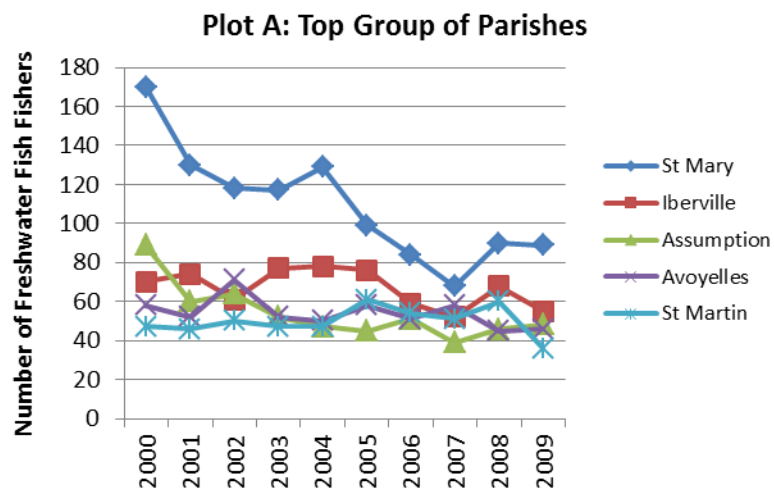
1.2.1.2 Freshwater Finfish Fisherman's Parish of Residence

The number of fishermen who fished freshwater fish was distributed according to the parishes where they lived in. Figure 1.14 shows the top 20 parishes of residence. For any given



Source: Appendix Table B.1.

Figure 1.13 Number of Fishermen by Freshwater Finfish Species Landed, 2000 – 2009



Source: Appendix Table B.2.

Figure 1.14 Number of Freshwater Finfish Fishermen by Parish of Residence, 2000 – 2009

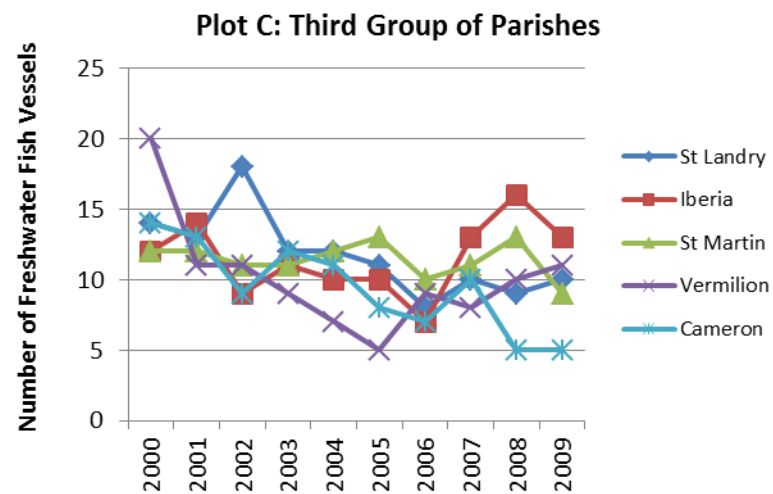
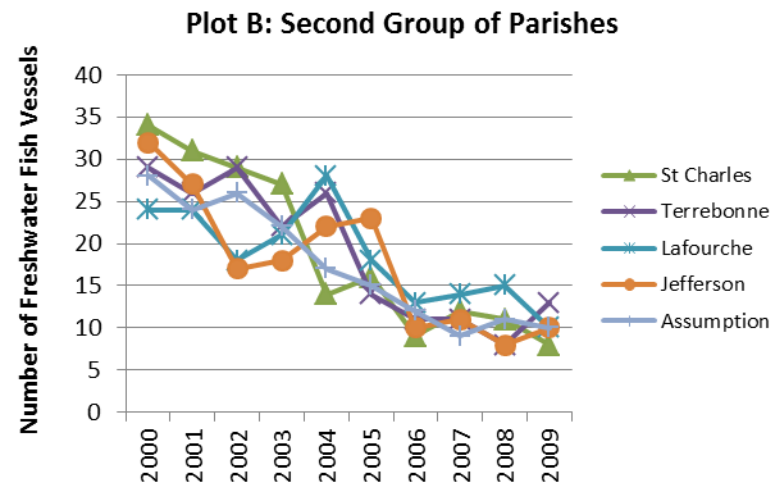
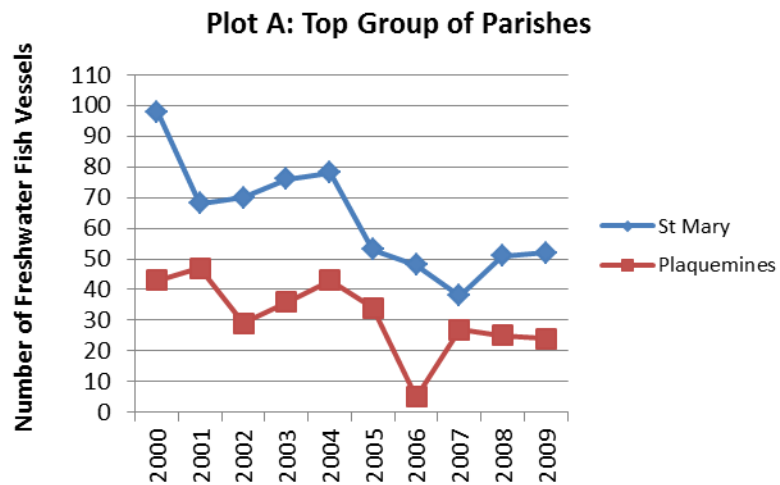
year, Plot A shows that the largest number of fishermen who fished freshwater fish, averaging 109 fishermen, lived in St. Mary Parish (i.e., between 170 in 2000 and 68 in 2007), followed by an average of 67 fishermen who lived in Iberville annually. Next are similar numbers of freshwater fish fishermen who lived in parishes such as Assumption (54), Avoyelles (54), and St. Martin (50).

Incidentally, parishes such as St. Mary (Plot A), Plaquemines (Plot B), Jefferson (Plot C) and St. Bernard (Plot D) have witnessed a sharp decline in the number of resident fishermen who landed freshwater fish during different periods. For example, the number of fishermen who resided in St. Mary Parish fell from a period high of 170 fishermen in 2000 to only 68 fishermen in 2007, the number of resident fishermen in Plaquemines parish fell from 73 (2000) to only 12 fishermen (2006), the number of resident fishermen in Jefferson parish fell from 57 in 2000 to only 12 in 2007 and the number of resident individuals in St. Bernard fell from 34 fishermen in 2002 to a very low number in 2006. Only Iberia and Vermilion Parishes appear to have recorded a consistent growth in the number of resident fishermen, landing freshwater fish since 2006.

1.2.1.3 Freshwater Finfish Fishing Vessel Owner's Parish of Residence

Figure 1.15 shows the top 12 parishes of residence of vessel owners whose vessels landed freshwater finfish from 2000 through 2009 and whose entries do not violate confidentiality provisions of the State of Louisiana. The top two parishes as shown in Plot A were St. Mary and Plaquemines where an average of 63 vessel owners (ranging between 98 in 2000 and 39 in 2007) and 31 vessel owners (ranging between 47 in 2001 and 5 in 2006), respectively, resided.

Plot B consists of the next five parishes (St. Charles, Terrebonne, Lafourche, Jefferson and Assumption) where similar numbers of vessel owners (i.e., an average of between 17 and 19



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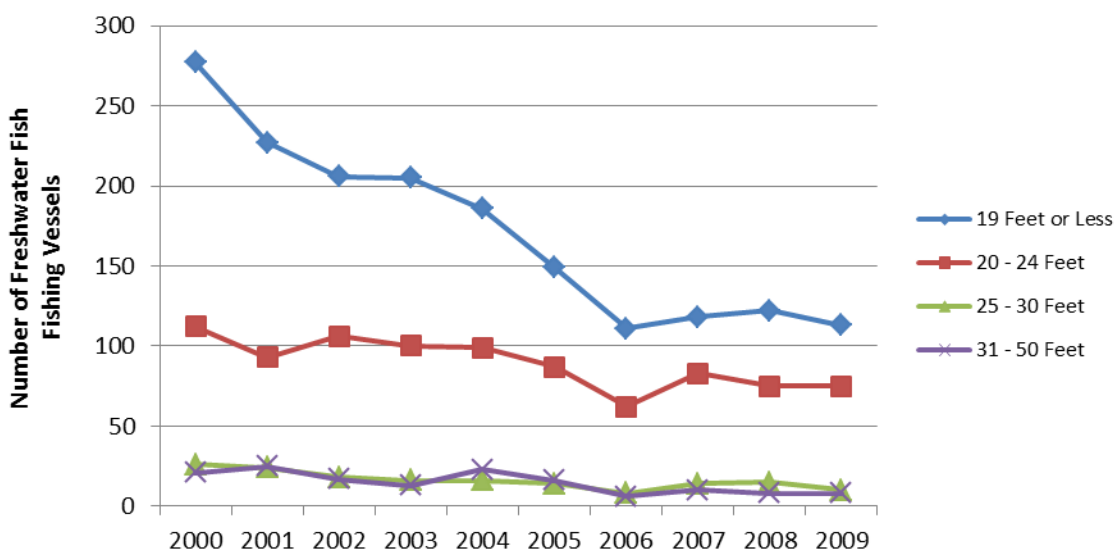
Source: Appendix Table B.3.

Figure 1.15 Number of Freshwater Finfish Vessels by Owner's Parish of Residence, 2000 – 2009

individuals), resided. Plot C shows the next parishes with the average number of resident vessel owners who landed freshwater fish annually: St. Landry (12 individuals), Iberia (12), St. Martin (11), Vermilion (10) and Cameron (9). It was only in Iberia that the number of resident vessel owners who landed freshwater fish has trended upward beyond its level since 2003, reaching its maximum level of 16 individuals in 2008.

1.2.1.4 Freshwater Finfish Fishing Vessel Length

Vessel length was specified for an annual average of 293 fishing vessels (approximately 30.0 percent), which landed freshwater fish from 2000 to 2009. Of this 30.0 percent, vessels whose lengths are 19 feet or less constituted the largest number for any given year (Figure 1.16). The number of vessels in this category ranged from a period high of 277 in 2000 to 111 in 2006. Next are vessels with length category of 20 to 24 feet whose number ranged from 112 in 2000 to 62 in 2006. Other vessels appear similarly distributed into either 25 to 30 feet category or 31 to 50 feet category with an average number of 16 and 15 vessels, respectively.



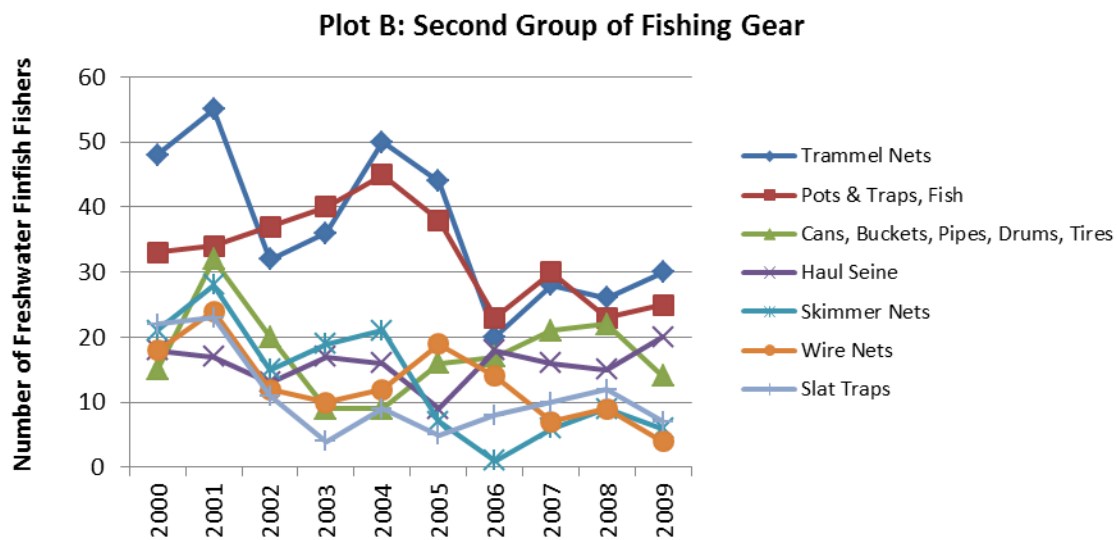
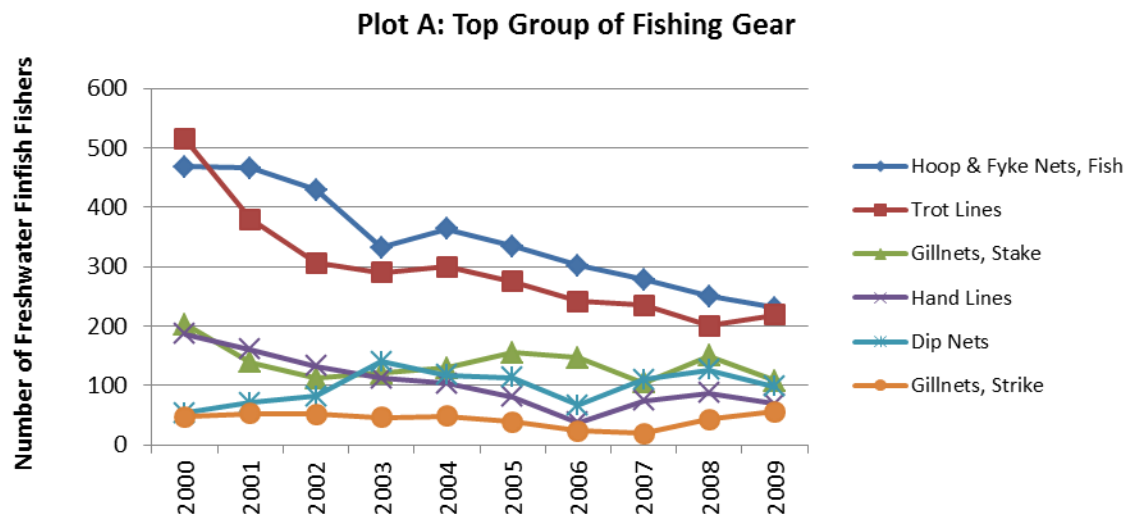
Source: Appendix Table B.4.

Figure 1.16 Number of Freshwater Finfish Vessel by Vessel Length Category, 2000 – 2009

1.2.1.5 Freshwater Finfish Fishing Gear

The top thirteen fishing gear types, which were reportedly used by fishermen to harvest freshwater finfish, are shown in Figure 1.17. Plot A contains the six most commonly used gear types, while Plot B contains the remaining gear types. Fish hoop and fyke nets and trot lines top the list of gear in Plot A, which were used by large proportions of fishermen, ranging from a maximum of 468 fishermen (2000) and a minimum of 231 fishermen (2009) for the former and a maximum of 515 fishermen (2000) and a minimum of 200 fishermen (2008) for the latter. Gear such as stake gillnets, hand lines and dip nets were used by an annual average of 137 and 104 fishermen, respectively, followed by strike gillnets, which were used by an average of 42 fishermen.

Prominent among the freshwater fish fishing gear used by fishermen in Plot B are trammel nets, used by an average of 37 fishermen as well as fish pots and traps, which were used by an average of 33 fishermen. The rest of the gear types were individually used by fewer than 20 fishermen per year.



Source: Appendix Table B.5.

Figure 1.17 Number of Freshwater Finfish Fishermen by Fishing Gear Used, 2000 – 2009

1.2.2 Saltwater Finfish

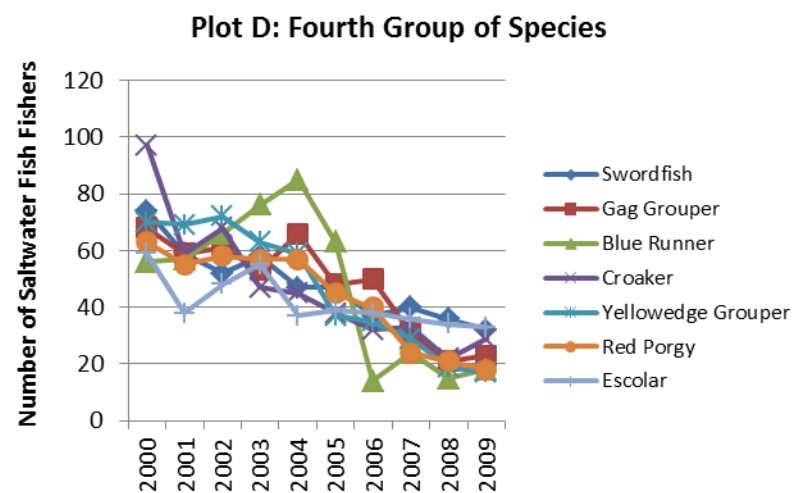
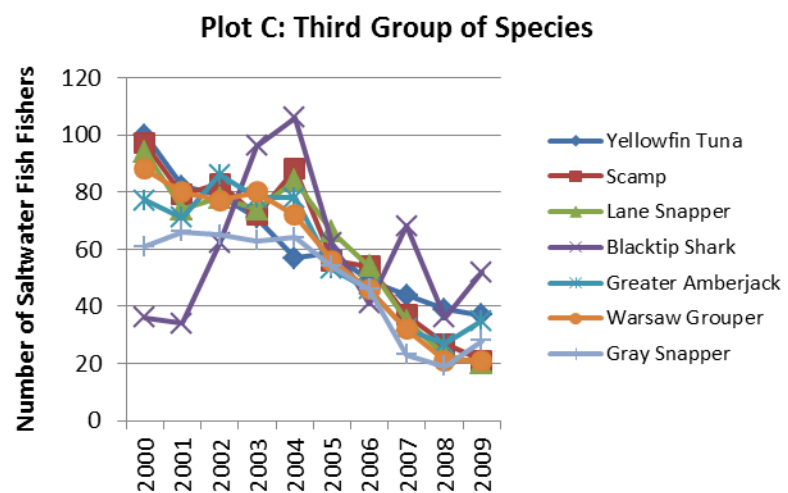
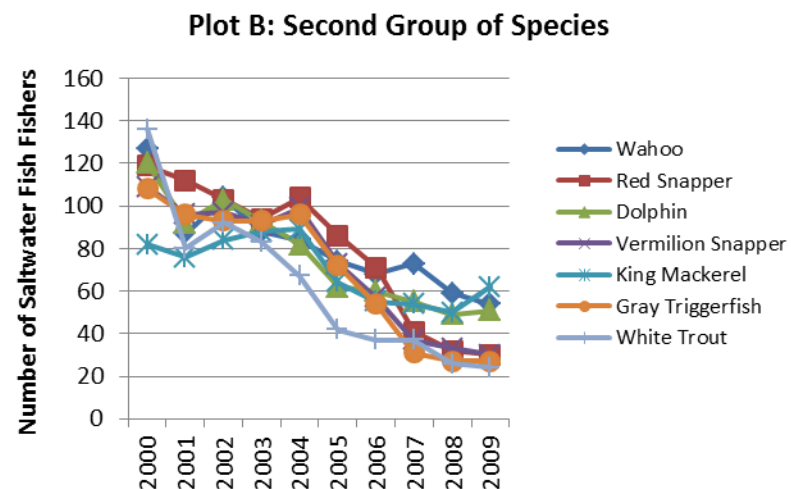
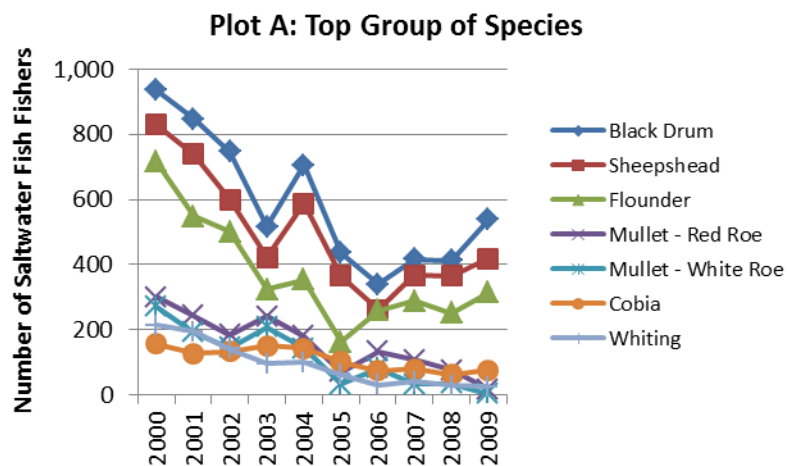
1.2.2.1 Saltwater Finfish Species

Figure 1.18 shows the number of fishermen by the saltwater fish species they reportedly landed from 2000 through 2009. The top three saltwater fish (Plot A) based on the number of fishermen who landed or sold them are black drum (from 936 fishers in 2000 to 340 fishers in 2006), sheepshead (between 830 fishers in 2000 and 261 fishers in 2006) and flounder (from 716 fishers in 2000 and 162 in 2005). The numbers of individuals landing these saltwater species post-2005 were gradually catching up with their pre-2005 levels.

When compared to the higher numbers of fishermen (ranging between 60 and 140 fishers) in 2000, all other species in Plots B, C, and D, except blacktip shark (Plot C) and blue runner (Plot D), were landed in the last four years of the 2000-2009 period by between 20 and 60 fishermen. The number of fishermen who landed blacktip shark rose sharply from 34 fishers in 2001 to 106 fishers in 2004 but dropped in the same fashion to only 41 fishers in 2006 and has remained relatively low since then. Also, the number of fishermen who landed blue runner rose from 56 in 2000 to 84 in 2004 but fell sharply to its lowest (14 fishers) in 2006 and has remained relatively low since then.

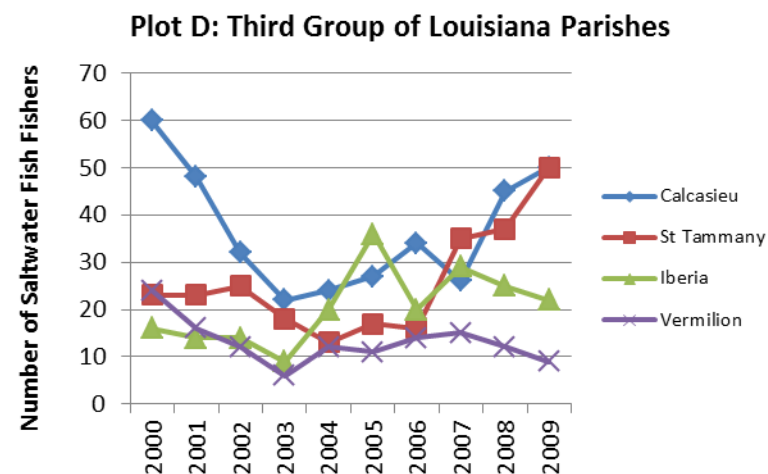
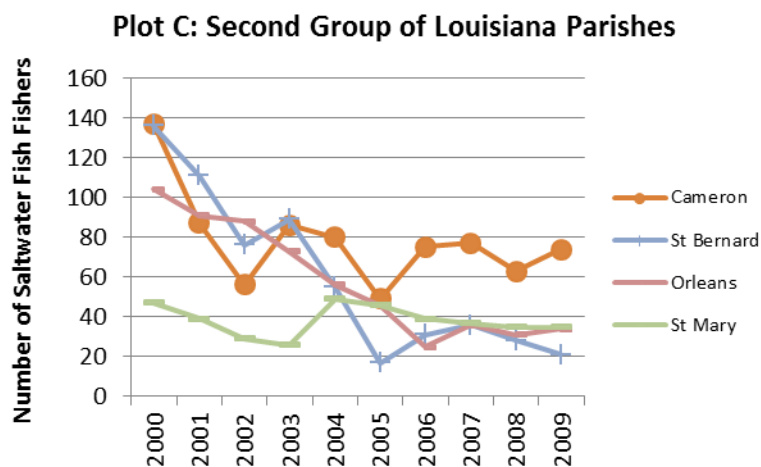
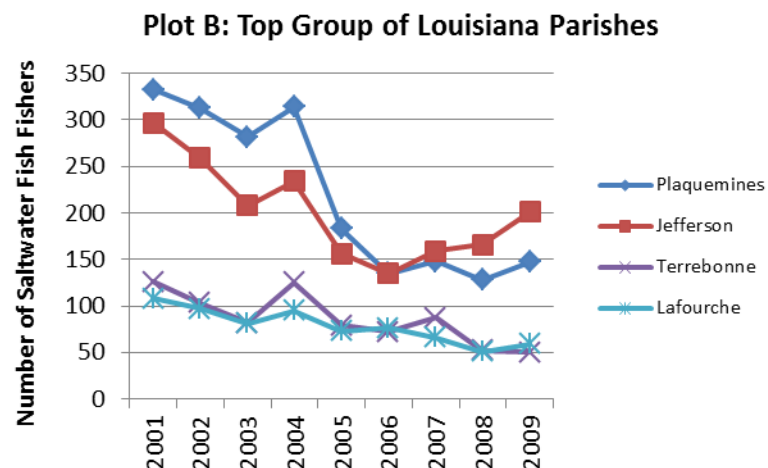
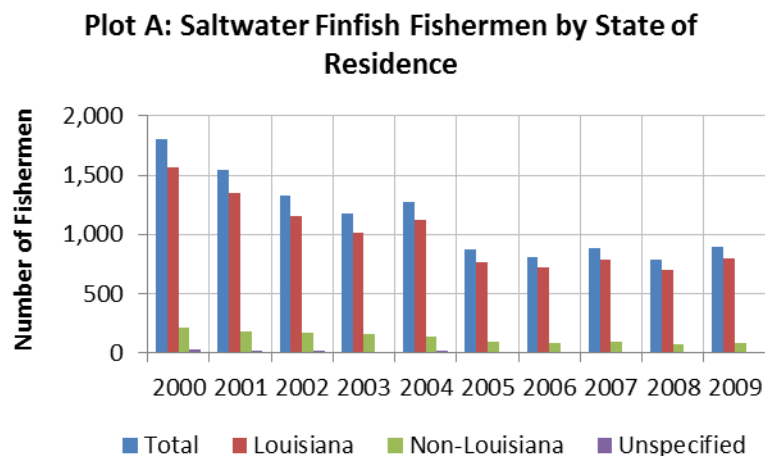
1.2.2.2 Saltwater Finfish Fisherman's Place of Residence

The number of fishermen who fished saltwater fish was distributed according to the places where they resided from 2000 to 2009 (Figure 1.19, Plots A to D). On average, Plot A shows that nearly nine of ten saltwater finfish fishermen (87.7 percent or 997 individuals) lived in Louisiana in a given year within the 2000-2009 period. An average of 11.2 percent (128 individuals) of saltwater finfish fishermen lived in other states in every year.



Source: Appendix Table C.1.

Figure 1.18 Number of Saltwater Finfish Fishermen by Species, 2000 – 2009



Source: Appendix Table C.2.

Figure 1.19 Number of Saltwater Finfish Fishermen by Place of Residence, 2000 – 2009

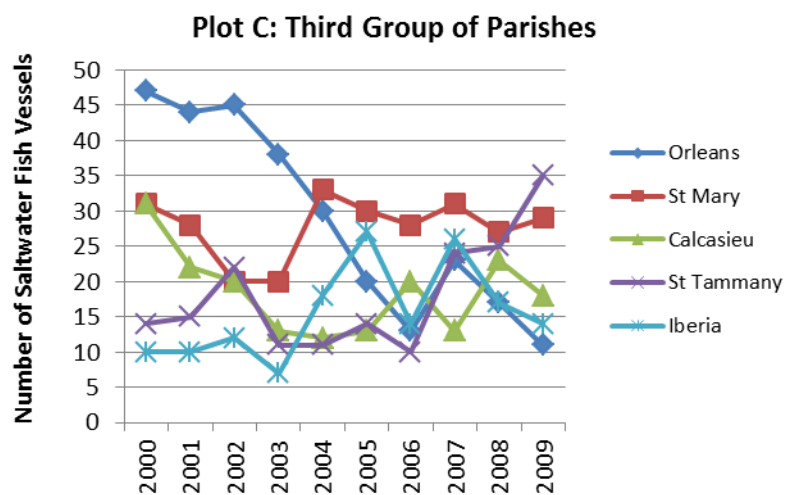
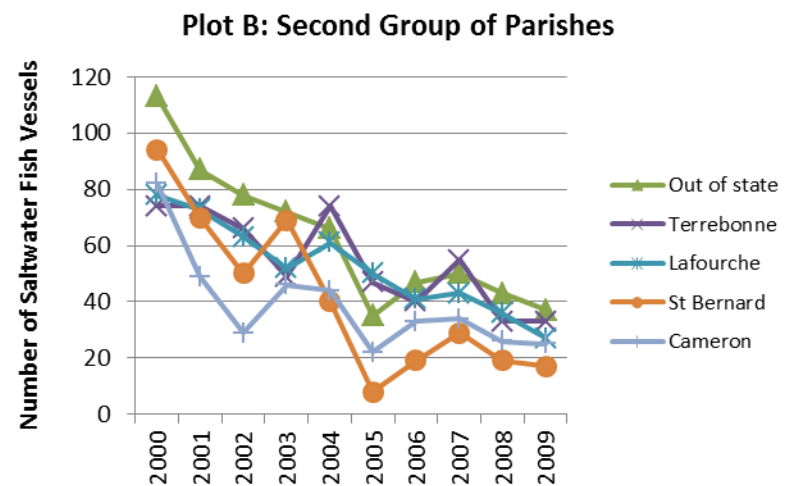
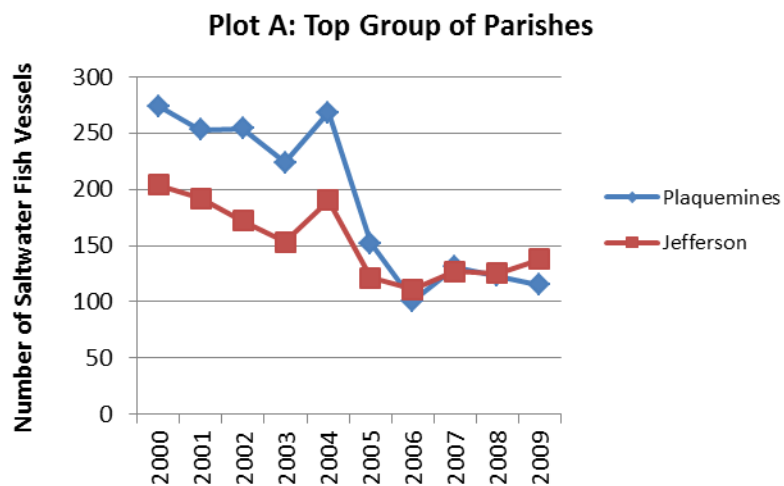
Plots B to D show the top 12 parishes of residence whose entries do not violate statutory confidentiality provisions. For any given year, Plot B shows that the largest number of fishermen who fished saltwater fish, averaging 235 individuals, lived in Plaquemines Parish (i.e., between 366 in 2000 and 128 in 2008), followed by an annual average of 214 fishermen who lived in Jefferson Parish. The numbers of saltwater fish fishermen who lived in Terrebonne and Lafourche Parishes averaged 89 and 84 individuals, respectively.

Plot C shows the second set of parishes, following those in Plot A, where fishermen who landed saltwater fish have lived. Except for St. Bernard where its resident saltwater fish fishermen have depleted tremendously from its period high of 136 fishers in 2000 to its period low of only 17 fishers in 2005, the average numbers of resident fishermen of other parishes were 78 in Cameron, 58 in Orleans, 38 in St. Mary and 37 in Calcasieu.

Plot D shows that the number of fishermen who landed saltwater fish peaked at 36 in 2005 for Iberia Parish, having increased from its lowest level of 9 fishers in 2003. More interesting are the numbers of saltwater fish fishermen in Jefferson (Plot B) and St. Tammany (Plot D) Parishes, which have swollen up since 2006 by 48.9 percent and 212.5 percent, respectively.

1.2.2.3 Saltwater Finfish Fishing Vessel by Owner's Place of Residence

Figure 1.20 shows the top 12 places of residence (including non-Louisiana states) of vessel owners whose vessels landed saltwater finfish from 2000 through 2009 and whose entries do not violate confidentiality provisions of the State of Louisiana. The top two parishes as shown in Plot A were Plaquemines where an average of 190 vessel owners (ranging between 274 in 2000 and 101 in 2006) who landed saltwater finfish resided and Jefferson where an average of 153 vessel owners (ranging between 204 in 2000 and 111 in 2006) lived.



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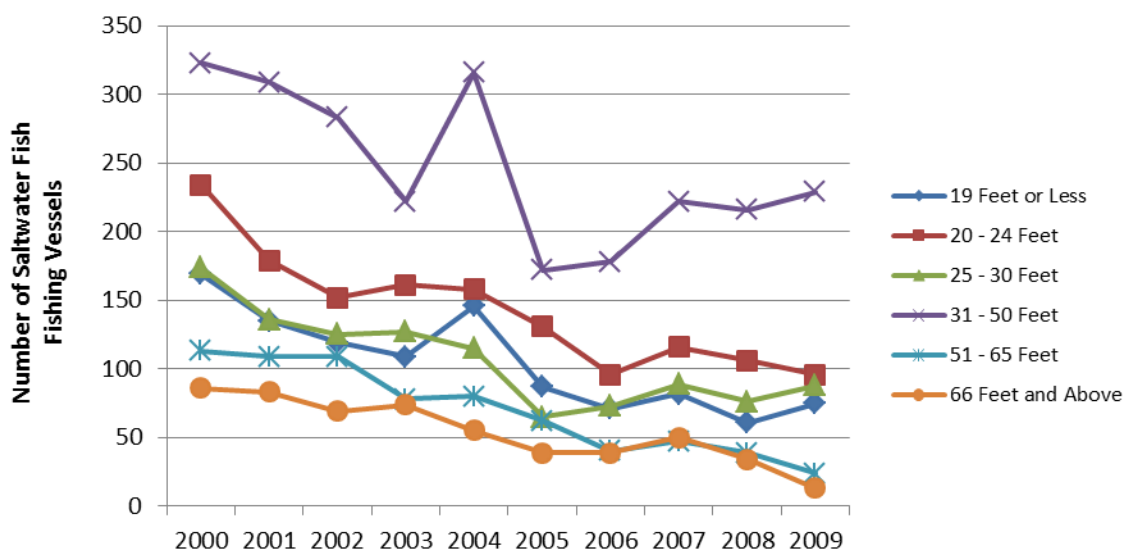
Source: Appendix Table C.3.

Figure 1.20 Number of Saltwater Finfish Vessels by Owner's Place of Residence, 2000 – 2009

Plot B consists of the third through sixth most common places or parishes of residence, which (with the average numbers of saltwater fish vessel owners residing in them) are outside of Louisiana (63), Terrebonne (55), Lafourche (52), St. Bernard (42) and Cameron (39). Among the parishes in Plot C, Orleans Parish, in similarity to the parishes in Plots A and B, displays a dramatic decline in the number of resident vessel owners from 47 individuals in 2000 to 13 individuals in 2006. Only in St. Tammany has the number of vessel owners increased in percentage terms (by 250.0 percent) from 10 individuals in 2006 to 35 persons in 2009, indicating some movement toward St. Tammany.

1.2.2.4 Saltwater Finfish Fishing Vessel Length

Vessel length was specified for an annual average of 726 fishing vessels (approximately 57.7 percent), which landed saltwater finfish from 2000 to 2009. Of this number, vessels whose lengths fell in the 31 to 50 feet category constituted the largest number for any given year (Figure 1.21). The number of vessels in this category ranged from 323 in 2000 to 172 in 2005.



Source: Appendix Table C.4. Note that foot length was specified only for 57.7 percent of the vessels which landed saltwater finfish.

Figure 1.21 Number of Saltwater Finfish Vessel by Vessel Length Category, 2000 – 2009

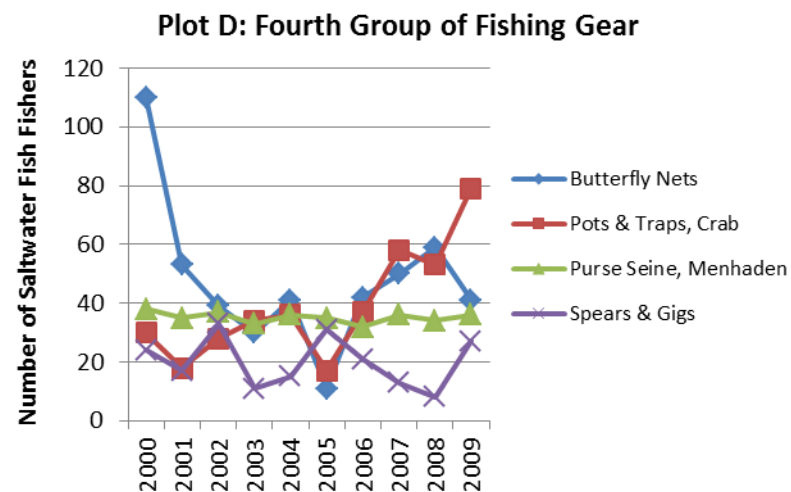
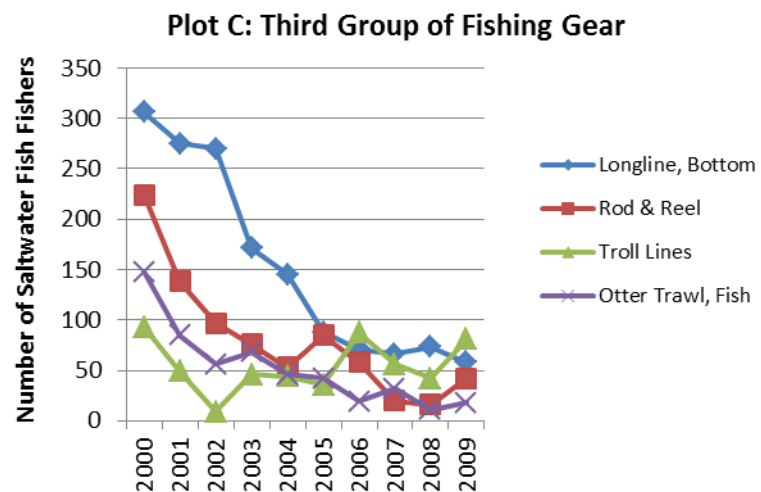
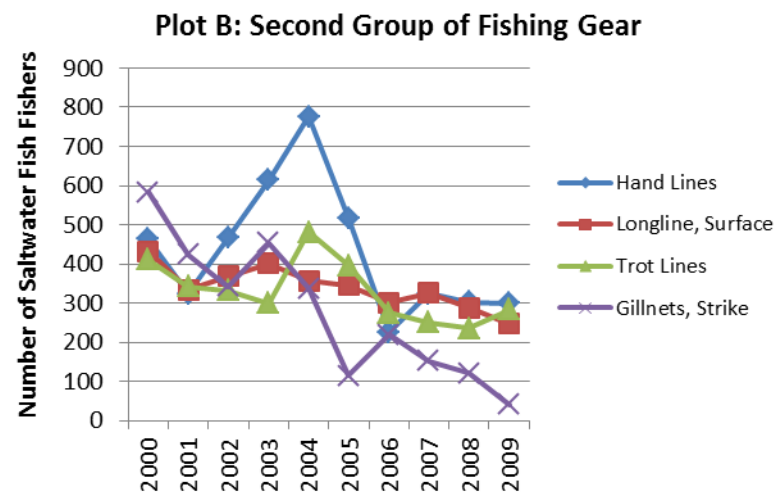
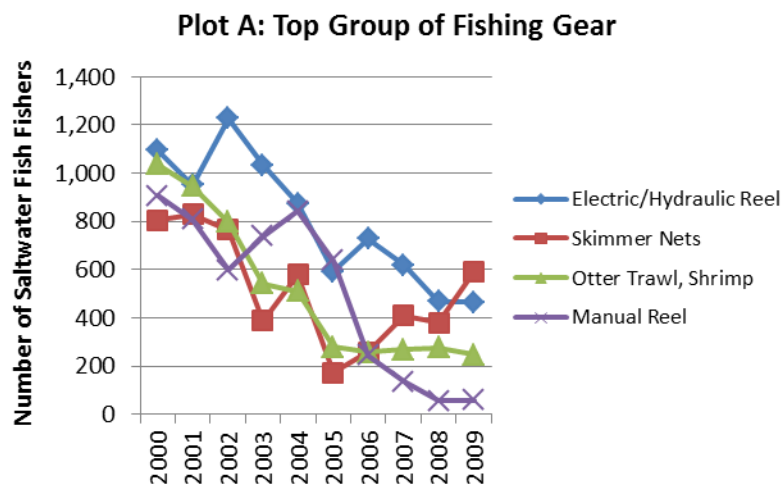
Next are vessels with length category of 20 to 24 feet whose number ranged from 234 in 2000 to 96 in 2006. Vessels with length category “25 to 30” feet and vessels with length category “19 feet or less” appear similar in number, averaging 107 and 105 vessels, respectively. Smallest percentage of fishing vessels, which landed saltwater fish, was in the 51 feet or longer category.

1.2.2.5 Saltwater Finfish Fishing Gear

The fifteen most common types of gear that commercial fishermen used to harvest saltwater fish from 2000 through 2009 are shown in Figure 1.22. Plot A contains the four most common gear types, while each of Plots B to D contains a set of four gear types. Electric or hydraulic reel were the single most commonly used gear types (Plot A), used by the largest number of fishermen (averaged 806 fishermen), which fluctuated between 1,094 fishermen (2000) and 466 fishermen (2009).

Next are skimmer nets and shrimp otter trawls, which were used by an average of 518 fishermen (ranged from 172 fishers in 2005 to 806 in 2000) and 515 fishermen (between 246 in 2009 and 1,036 in 2000), respectively, to harvest saltwater fish. Interestingly, the use of skimmer nets appears to have caught up with electric or hydraulic reel in recent years (especially in 2009) to place the gear in the leading position, while the use of shrimp otter trawl has remained in the hands of approximately 265 fishermen since 2005. Manual reels, which were used to harvest saltwater finfish by 905 fishermen in 2000, have exhibited a steep decline with only 55 fishermen (or 58 fishermen) using the gear in 2008 (or 2009).

Plot B shows a sharp increase in the use of hand lines from 325 fishermen in 2001 to 776 fishermen in 2004 but thereafter experienced a sharp decrease till it hit its lowest (226 fishermen) in 2006. Other gear in this group (surface longline, trot lines, strike gillnets) were less erratic and were used by an average of 340 fishers, 331 fishers and 279 fishers, respectively. Other gear



Source: Appendix Table C.5.

Figure 1.22 Number of Saltwater Finfish Fishermen by Fishing Gear Used, 2000 – 2009

that are relevant to saltwater fish harvesting are shown in Plot C and D. Similar to skimmer nets (Plot A), the recent upward trends in the numbers of fishermen who used butterfly nets and crab pots and traps (Plot D) are particularly noteworthy. Since 2005, the use of butterfly nets jumped from 11 fishermen to 59 fishermen in 2008, while the number using crab pots and traps jumped from 17 fishermen to 79 fishermen in 2009. The number of fishermen who used menhaden purse seines has remained relatively flat, with an average of 35 fishermen since 2000.

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Chapter 2 - Finfish Landings, Prices and Values

This chapter presents information on the volume, the average prices, and the values of finfish landed or sold at the Louisiana docks. Prices and values are measured in both nominal (actual) and real terms. The real prices (real values) are derived by adjusting the nominal prices (nominal values), using the GDP deflator, which is measured in 2005 dollars. When necessary, the real prices and values of finfish landed or sold are jointly reported with the nominal counterparts. Otherwise, they are included in the appropriate section in the appendix.

In some cases, the above indicators are presented under categorical measures like finfish species or species type, parish of residence, fishing areas where the majority of the finfish was harvested, etc. Indicators associated with vessel length categories are not presented because of limited information. For example, vessels whose lengths were unspecified were responsible for an average of 98.5 percent of finfish landings in the period between 2000 and 2009.

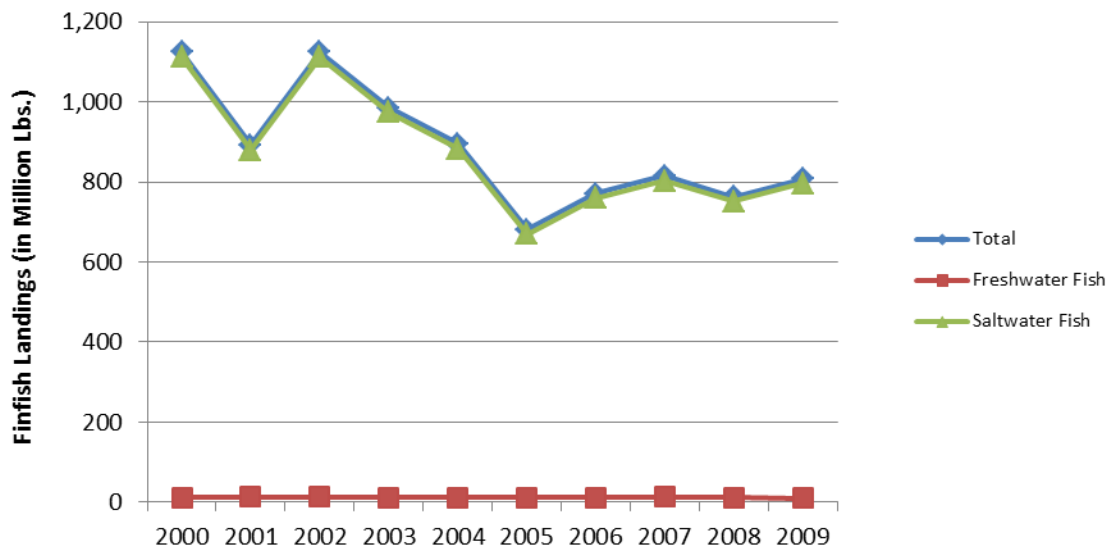
The chapter is divided into two sections. Section 2.1 presents the volumes, average prices and values of finfish in general, while section 2.2 disaggregates these indicators within the two finfish groups, namely freshwater fish and saltwater fish.

2.1 Total Finfish Landings, Prices and Values

In this section, the trends in the total volumes of landings, total average prices and total values of finfish are described in conjunction with their total distributions by species type, parish of residence of individuals who landed at least a pound of certain finfish, the river basin or grids where the majority of the finfish were reportedly harvested, and the gear used to harvest them.

2.1.1 Finfish Landings by Species Type

The total volume of finfish or finfish species landed or sold at Louisiana docks within 2000-2009 period is shown in Figure 2.1. The largest volume of over 1.1 billion pounds of finfish was landed in 2000, while the smallest volume of 681.3 million pounds was landed in 2005. Saltwater fish group exhibited similar pattern and trend in the volume of landings compared to all finfish combined. Saltwater fish constituted the majority (average of 98.6 percent) of the landed finfish from 2000 through 2009.



Source: Appendix Table D.1.

Figure 2.1 Finfish Landings by Species Type, 2000 – 2009

2.1.2 Average Dockside Prices of Finfish by Species Type

The average nominal prices and the average real prices (prices measured in 2005 dollars using GDP deflator) per pound of finfish from 2000 through 2009 are presented in Plots A and B of Figure 2.2, respectively. The average nominal prices were the prices actually paid by the

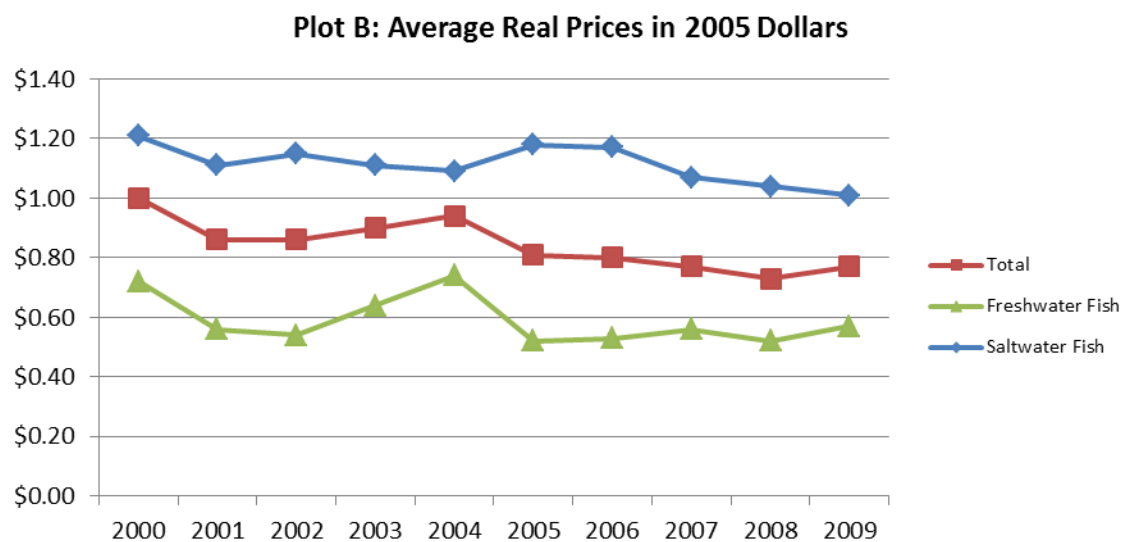
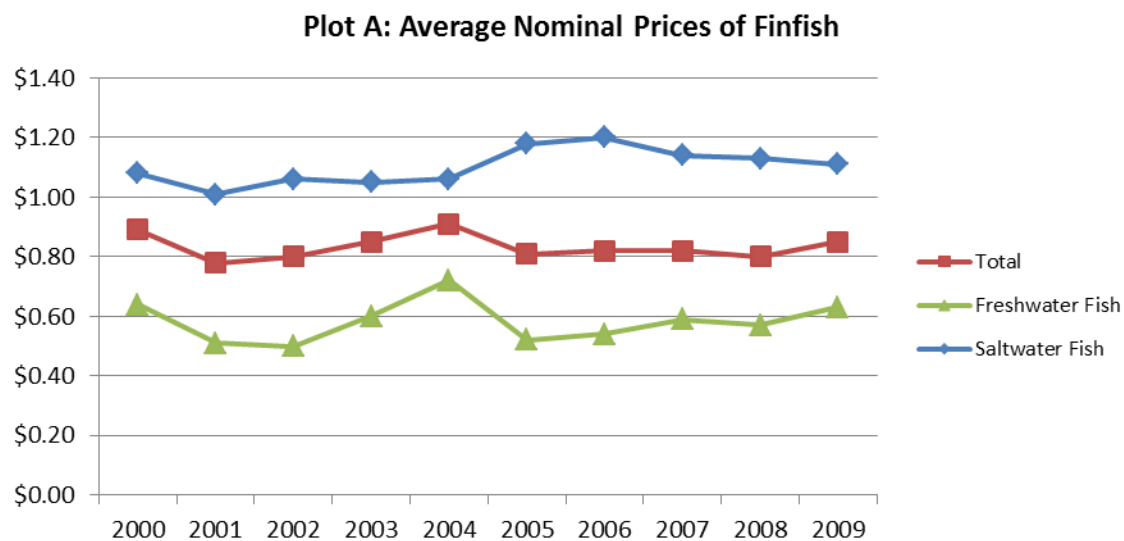
seafood dealers to the fishermen when purchasing finfish at the dock regardless of the condition of finfish at landing (whole, heads off, gutted, fileted, etc.), while the average real prices are the averages of nominal prices previously adjusted for inflation. Although both plots appear to have similar patterns, they are typically used under different scenarios. Plot A would be appropriate for comparing prices between finfish species types for a given year, while plot B would be appropriate for comparisons of prices between two or more years for a given finfish species type.

Plot A of Figure 2.2 shows that, for any given year, the average nominal price of saltwater finfish per pound was higher the average nominal prices of all finfish and freshwater finfish per pound. The nominal price per pound of all finfish averaged \$0.83. The nominal price of a pound of saltwater fish averaged \$1.10 throughout the 2000-2009 period and the average nominal price of freshwater fish was \$0.58 per pound. Interestingly, the nominal prices of saltwater and freshwater finfish have moved in opposite direction since 2002 (for a given year, when one was high, the other would be low).

As shown in Plot B, similar patterns and trends existed for average real prices of all finfish or individual species types. In real terms, the annual average price of a pound of saltwater finfish fluctuated between a low of \$1.01 in 2009 and a high of \$1.21 in 2001 and the average price of freshwater finfish per pound ranged from \$0.52 in 2005 or 2006 to \$0.74 in 2004. For all finfish, the average real price per pound was between \$0.73 in 2008 and \$1.00 in 2000.

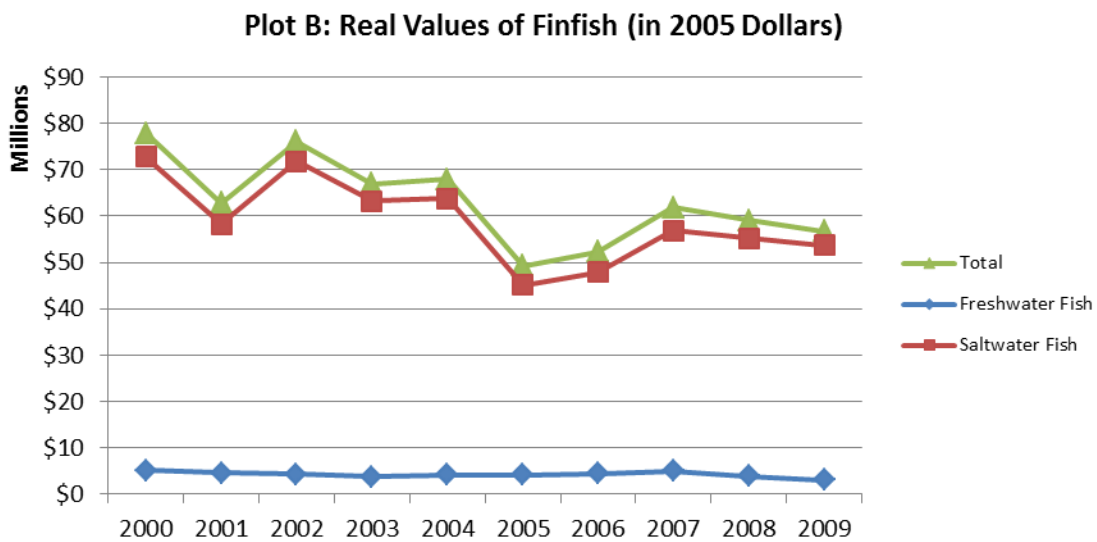
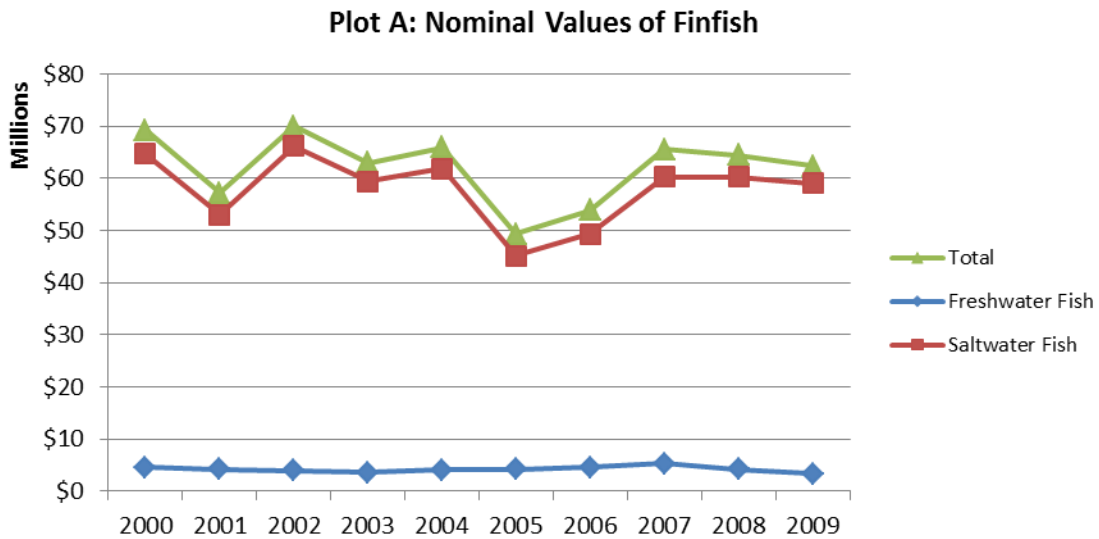
2.1.3 Dockside Values of Finfish by Species Type

The nominal (actual) values and the real values (nominal values adjusted for inflation using GDP deflator) of finfish landed or sold at the Louisiana docks from 2000 through 2009 are shown in Plots A and B of Figure 2.3, respectively. Plot A would be appropriate when



Source: Appendix Table D.2.

Figure 2.2 Average Dockside Prices of Finfish by Species Type, 2000 – 2009



Source: Appendix Table D.3.

Figure 2.3 Dockside Values of Finfish by Species Type, 2000 – 2009

comparing values between finfish species types for a given year, while Plot B would be appropriate when comparing values between two or more years for a given finfish species type.

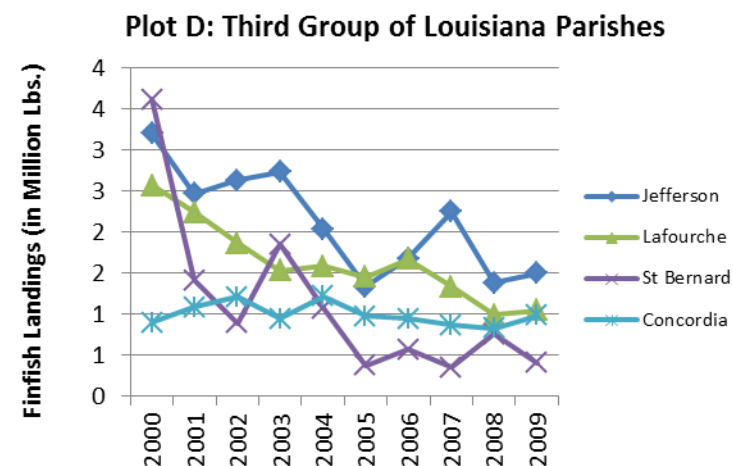
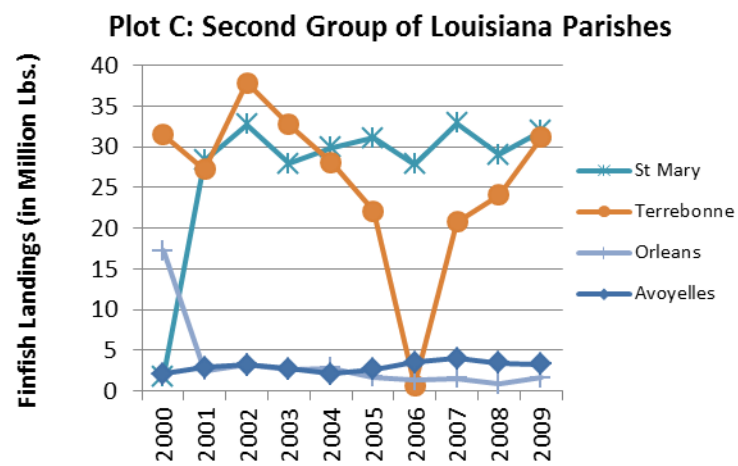
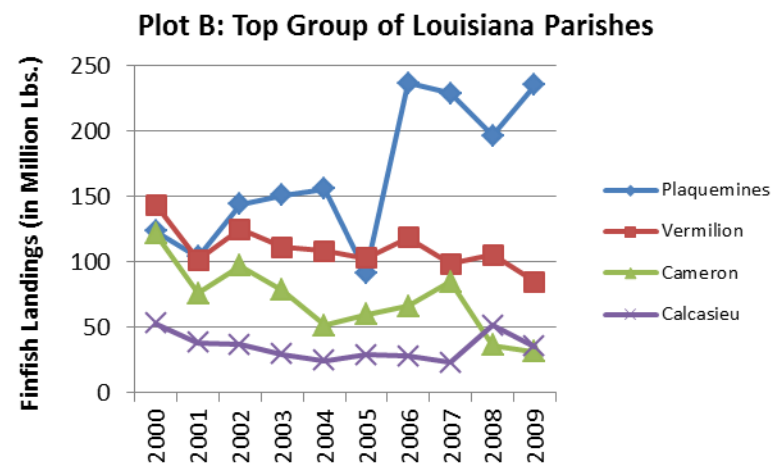
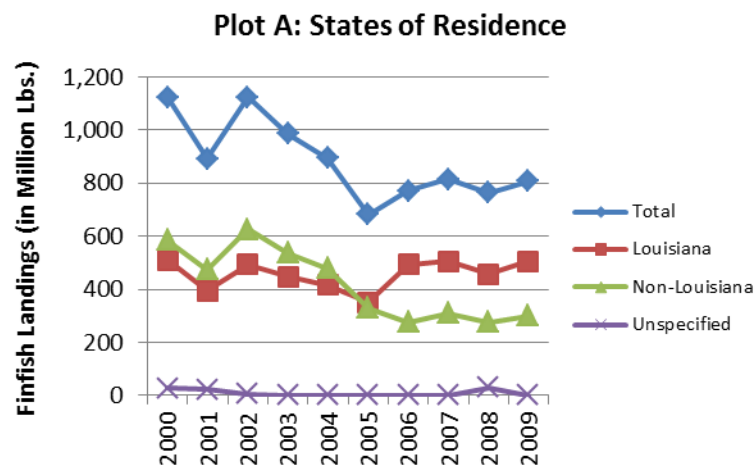
Plot A shows that the total nominal value of finfish sold in Louisiana from 2000 through 2009 averaged \$62.1 million. Of this value, saltwater finfish accounted for 93.2 percent (\$57.9 million), while freshwater finfish accounted for the remaining 6.8 percent (\$4.2 million).

Looking at the trends of finfish values from 2000 through 2009, Plot B of Figure 2.3 shows that the cumulative real value of all finfish declined from a high of \$77.8 million in 2000 to a low of \$49.3 million in 2005. Similarly, the real value of saltwater finfish fell from \$72.7 million in 2000 to \$45.1 million in 2005. Freshwater finfish exhibited minimal fluctuation in real values throughout the 2000-2009 period, but decreased steadily from its high of \$5.1 million in 2000 to its low of \$3.1 million in 2009.

2.1.4 Landings and Dockside Values of Finfish by Fisherman's Place of Residence

2.1.4.1 Finfish Landings by Place of Residence

The commercial license data in Louisiana contain information on the places of residence of commercial fishermen such as parishes or other places outside of Louisiana. Figure 2.4 shows the total finfish landings by major place of residence of fishermen from 2000 through 2009. Prior to 2005, Plot A of Figure 2.4 shows that non-resident finfish fishermen accounted for between 52.1 percent (585.7 million pounds) of total finfish landings in 2000 and 55.6 percent (625.3 million pounds) in 2002. However, finfish landings by individuals living in Louisiana ranged from 51.5 percent (351.1 million pounds) in 2005 and in 64.1 percent (494.4 million pounds) in 2006. Detailed information on finfish landings by non-residents are presented in Figure 2.6.



Source: Appendix Table D.4. The disaggregation of the finfish landings for non-Louisiana's residents (Plot A) is presented in Figure 2.6.

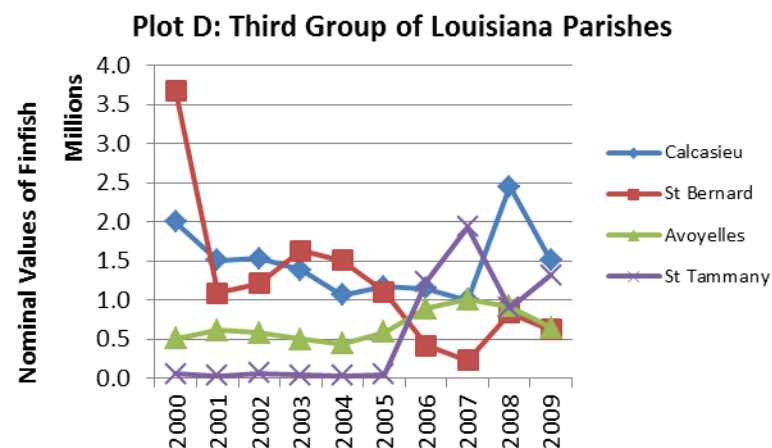
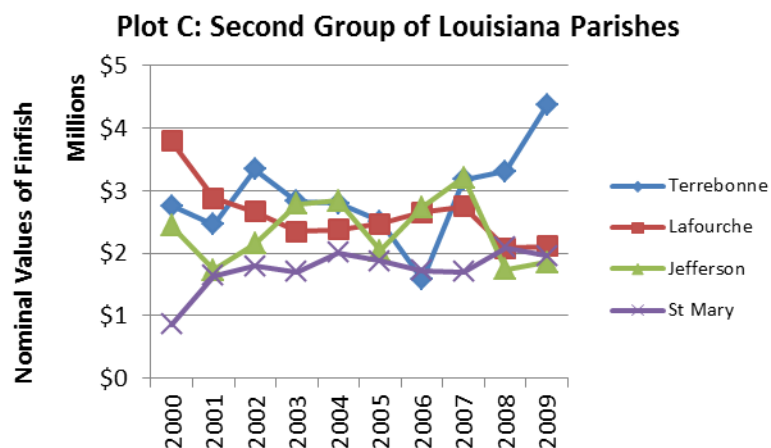
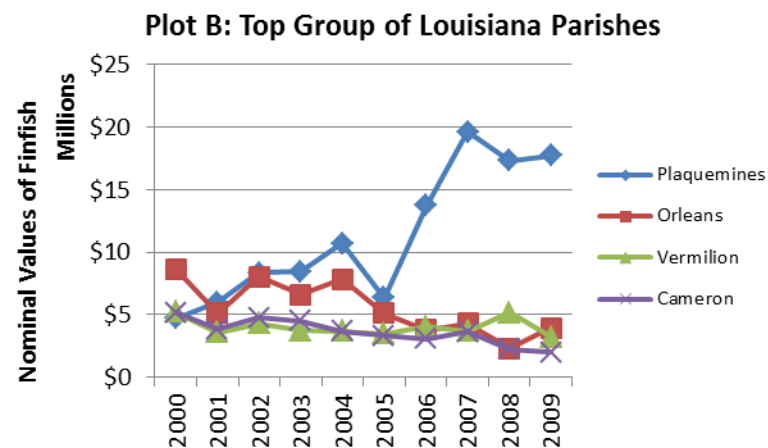
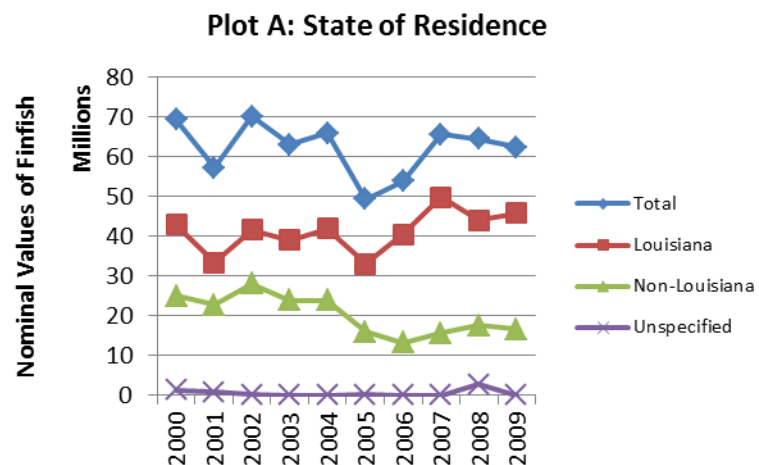
Figure 2.4 Finfish Landings by Fisherman's Place of Residence, 2000 – 2009

Plots B to D of Figure 2.4 show the volume of finfish landings by Louisiana's parish of residence with each plot displaying trends in landings from fishermen living in four different parishes. Plot B shows the top four parishes where fishermen resided from 2000 to 2009 with the average volume of all finfish landed: Plaquemines (166.5 million pounds), Vermilion (109.8 million), Cameron (70.2 million pounds) and Calcasieu (34.8 million pounds) Parishes. It is necessary to note from previous sections (Sections 2.11 and 1.13) that the majority (98.6%) of finfish landed in Louisiana was saltwater finfish and that the numbers of residents in these locations who caught these huge volumes of finfish averaged only 130 for non-residents, 246 for Plaquemines Parish, 29 for Vermillion Parish and 85 for Cameron Parish. Looking at the trends, the number of pounds of finfish landed fluctuated between 91.5 million in 2005 and 236.6 million in 2006 for Plaquemines, between 84.4 million in 2009 and 143.4 million in 2000 for Vermilion, between 31.3 million in 2009 and 121.5 million in 2000 for Cameron and between 23.0 million in 2007 and 52.6 million in 2000 for Calcasieu Parishes.

There was also a high degree of variability in the total volume of all finfish landed by fishermen who resided in the remaining parishes especially those in Plot C. On average, the numbers of pounds of finfish landed annually were 27.4 million by individuals in St. Mary and 25.6 million in Terrebonne Parishes. Fishermen from each of the other parishes landed less than 4.0 million pounds of finfish annually.

2.1.4.2 Dockside Nominal Value of Finfish by Place of Residence

The nominal dockside values of finfish landed at Louisiana docks from 2000 through 2009 by place of residence are shown in Figure 2.5. Earlier in subsection 2.1.4.1, fishermen who lived in states other than Louisiana were found to have contributed more finfish landings in the first half of the 2000-2009 period than the fishermen who lived in Louisiana. However, Plot A



Source: Appendix Table D.5. See Figure 2.6 for nominal values of finfish for non-Louisianans and Appendix Figure D.1 for the dockside real values by place of residence.

Figure 2.5 Nominal Dockside Values of Finfish by Fisherman's Place of Residence, 2000 – 2009

of Figure 2.5 shows that resident finfish fishermen accounted for a higher nominal dockside value in every year within the entire period. Resident finfish fishermen accounted for an average of 66.4 percent (\$41.2 million) of the nominal dockside value of finfish annually with a range from \$33.1 million in 2005 to \$49.8 million in 2007. Non-resident finfish fishermen accounted for 32.7 percent (\$20.3 million), which ranged from \$13.3 million in 2006 to \$28.1 million in 2002.

The order of parishes of residence in Louisiana by the magnitude of finfish sales is different than in Figure 2.4. This difference might be attributed to possible different finfish conditions and prices at points of sales as well as finfish species landed and proximity to market or buyers. Fishermen who resided in Plaquemines Parish retained their top position with finfish's total average nominal values of \$11.3 million (minimum of \$4.7 million in 2000 and a maximum of \$19.6 million in 2007). Orleans Parish moved from an seventh (7th) position in finfish landings to a second position in finfish nominal values among Louisiana's residents, which fluctuated between \$2.3 million in 2008 and \$8.7 million in 2000. Next to Orleans Parish were Vermilion Parish with dockside value that ranged from \$3.2 million in 2009 to \$5.2 million in 2000 and Cameron Parish with finfish value between \$2.0 million in 2009 and \$5.2 million in 2000.

Except for a small number of deviations in some years, sharp increases in nominal values of finfish landed by resident individuals in Plaquemines (Plot B), Terrebonne (Plot C), Calcasieu (Plot D) and St. Tammany (Plot D) Parishes can be noticed at different points in the most recent years and have remained relatively high since then. For example, finfish values rose from \$6.4 million (2005) to \$19.6 (2007) for Plaquemines residents, from \$1.6 million (2006) to \$4.4 million (2009) for Terrebonne residents, from \$1.0 million (2007) to \$2.5 million (2008) for

Calcasieu residents and from \$46.2 thousand (2005) to \$1.9 million (2007) for St. Tammany residents.

Among these parishes, however, only Calcasieu and St. Tammany (in section 1.1.3 or Figure 1.5) showed a rise in the number of fishermen who landed finfish. Thus, possible relocation of fisherman can be associated with the increases in finfish landings and values in these parishes, while the increases that occurred in Plaquemines and Terrebonne parishes can be attributed to non-relocation related factors.

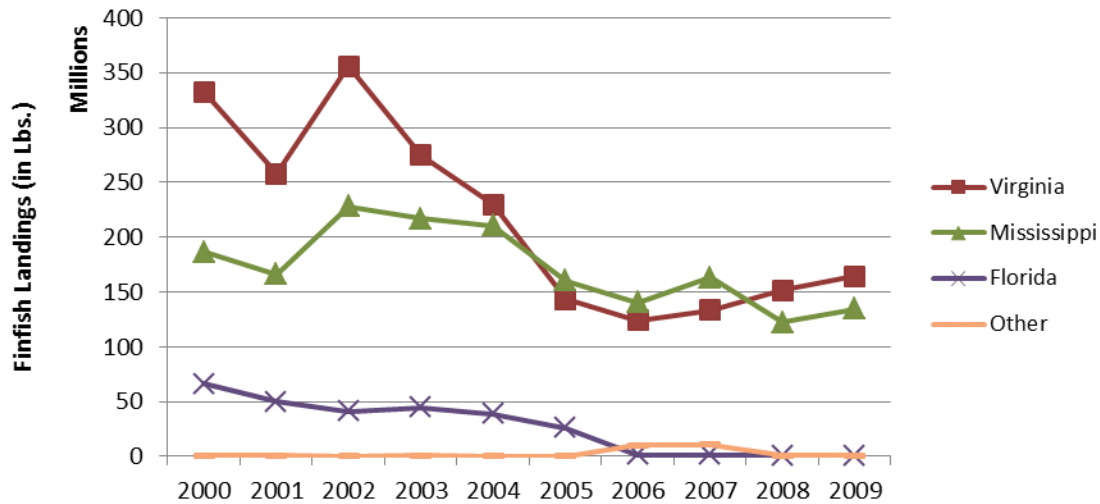
2.1.4.3 Landings and Dockside Values of Finfish by Non-Resident Fishermen

Figure 2.6 shows the finfish landings (Plot A) and the nominal values of finfish landed (Plot B) at Louisiana docks by non-resident fishermen by their state of residence throughout the 2000-2009 period. The total volume of finfish landed by fishermen who resided outside of Louisiana declined from its highest level of 625.3 million pounds in 2002 to 275.7 million pounds in 2008. The three states, which constituted the majority of the volume and values of finfish landed at Louisiana docks, are Virginia, Mississippi and Florida. These three states accounted for approximately 99.2 percent of total finfish landings and 96.7 percent of total finfish sales in Louisiana by non-resident fishermen.

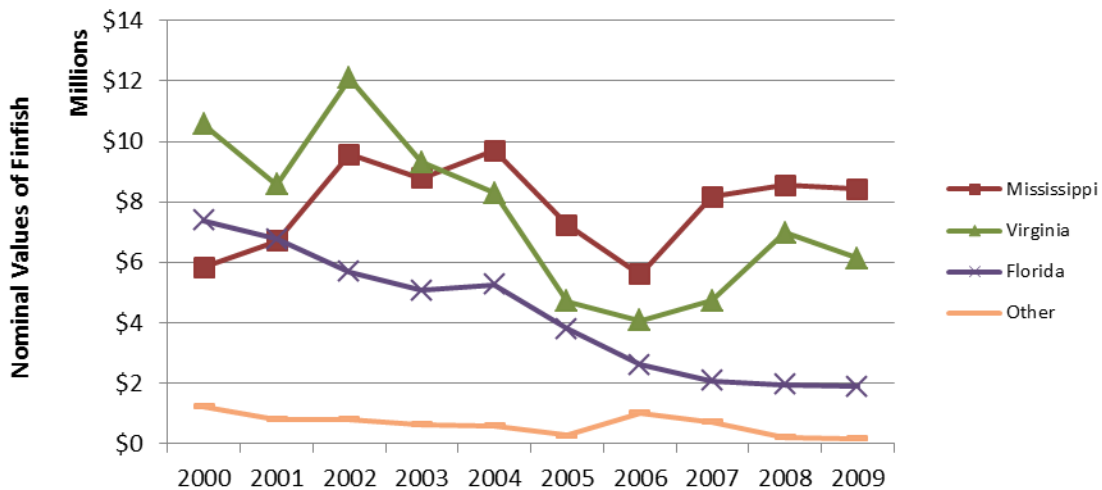
In Plot A, the total average volume of finfish landed by fishermen who resided in Virginia was 216.7 million pounds, while the average volume of finfish landed by Mississippi resident was 173.0 million pounds. An average of 27.1 million pounds of finfish was landed by individuals who lived in Florida and an average of 2.6 million pounds was landed by residents of other states including Alabama, North Carolina, Texas.

In Plot B, Mississippi displaced Virginia with respect to the nominal values of finfish, which averaged approximately \$7.9 million and \$7.5 million, respectively. The worth of finfish

Plot A: Finfish Landings by Non-Louisiana State of Residence



Plot B: Finfish Nominal Values by Non-Louisiana State of Residence



Source: Appendix Tables D.7 and D.8. Other includes Alabama, North Carolina, Texas, etc. These plots disaggregate finfish landings and values for non-Louisiana residents in Plot A of Figure 2.4 and Plot A of Figure 2.5, respectively. See Appendix Figure D.2 for dockside real values of finfish by state of residence.

Figure 2.6 Landings and Values of Finfish by Non-Louisiana Residents, 2000 – 2009

landed by Florida resident individuals averaged \$4.3 million and that from other states (Alabama, Texas, West Virginia, etc.) averaged \$2.6 million.

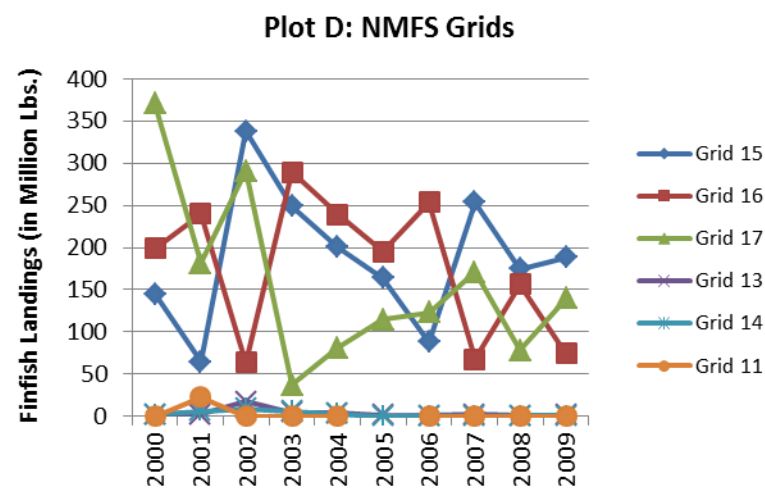
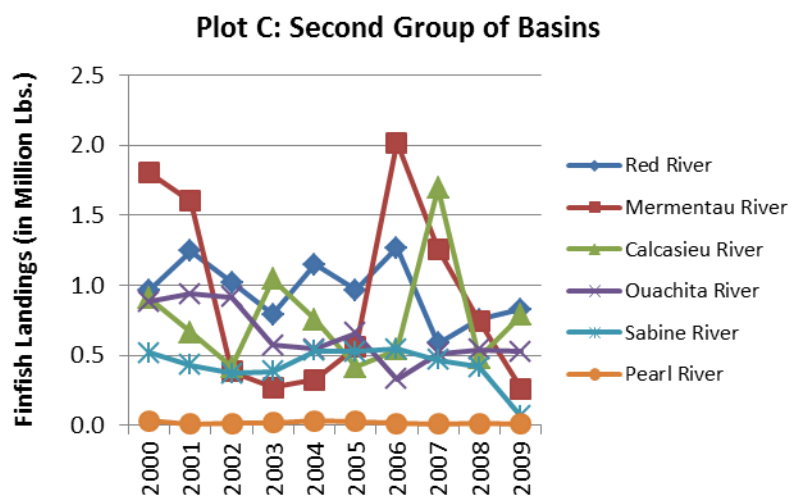
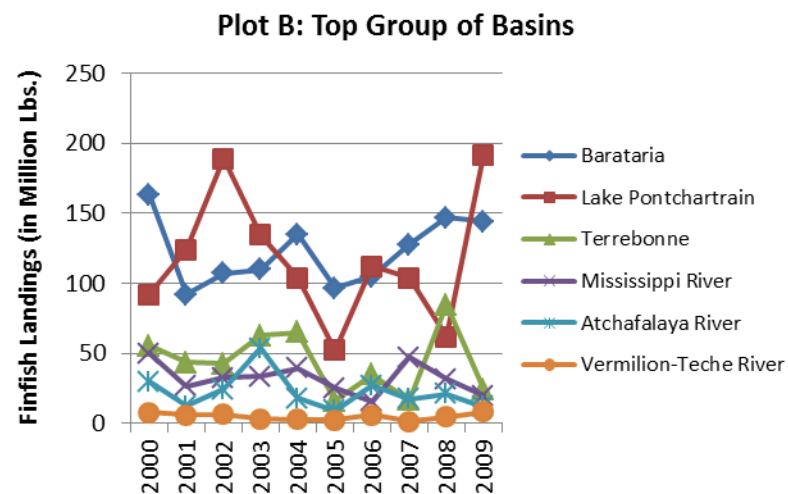
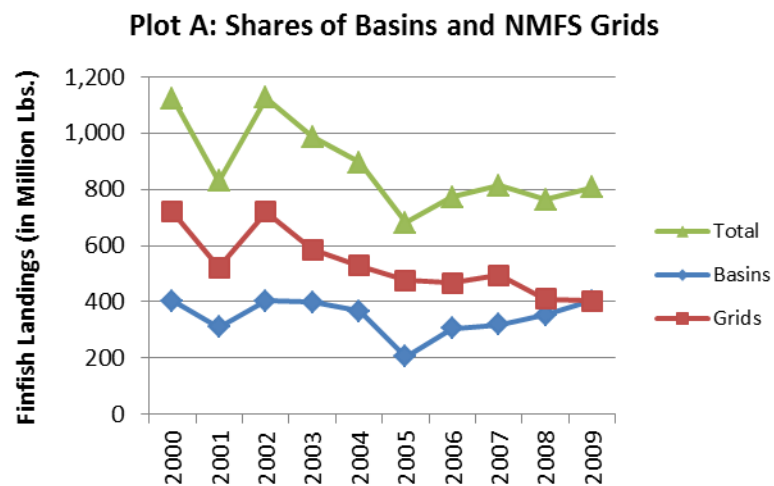
2.1.5 Finfish Landings, Dockside Prices and Values by LDWF Trip Ticket Basin and NMFS Grid

State waters (including inland waters and waters stretching from the shore to 3 nautical miles into the Gulf of Mexico) in Louisiana are divided into 12 River Basins for fisheries management. Individual basins are made up of designated and named fishing areas, which can be located or recognized using any devices that read longitude and latitude coordinates (See Appendix Figure D.1). Also, Appendix Figure K.1 displays the division of the state waters by the saltwater-freshwater line.

Likewise, federal waters of the Gulf of Mexico (between 3 to 200 nautical miles outside of Louisiana waters) are divided by the National Marine Fisheries Service (NMFS) into 22 Grids with five of them (Grids 13 to 17) bordering the south of Louisiana. The map of the NMFS grids is shown in Appendix Figure D.2. For each fishing trip a fisherman takes, the individual is statutorily required to state only one area where the majority of the seafood was harvested. In the next section, finfish landings, average prices and values associated with seafood harvested from the trip ticket basins and NMFS grids are presented.

2.1.5.1 Finfish Landings by LDWF Trip Ticket Basin and NMFS Grid

Figure 2.7 shows the volume of finfish associated with seafood reportedly harvested from the LDWF basins and NMFS grids during the period between 2000 and 2009. Plot A shows that federal waters accounted for the majority of finfish landings in every year during the 2000-2009 period: between 50.1 percent (404.2 million pounds) in 2009 and 70.0 percent (476.2 million pounds) in 2005 of the total finfish landings. The remaining portion in every year was harvested



Source: Appendix Tables D.10.

Figure 2.7 Finfish Landings by LDWF Trip Ticket Basin and NMFS Grid, 2000 – 2009

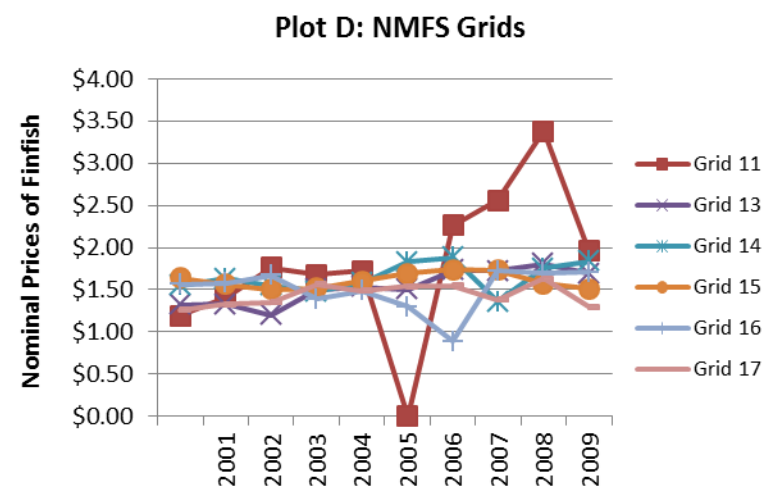
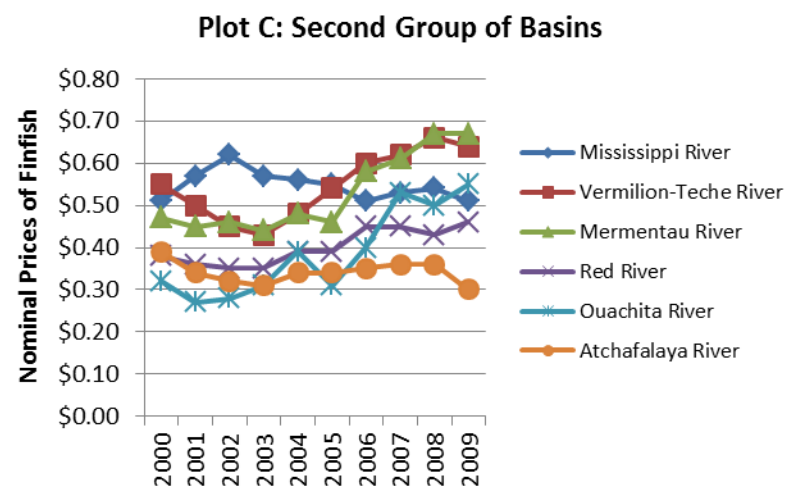
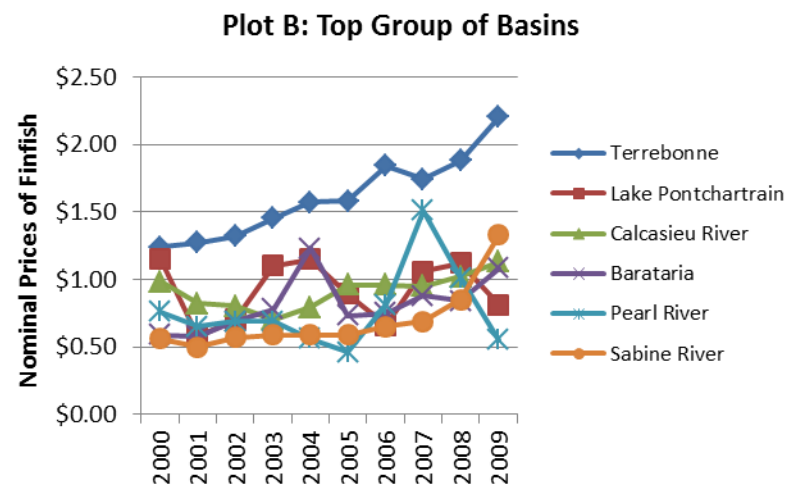
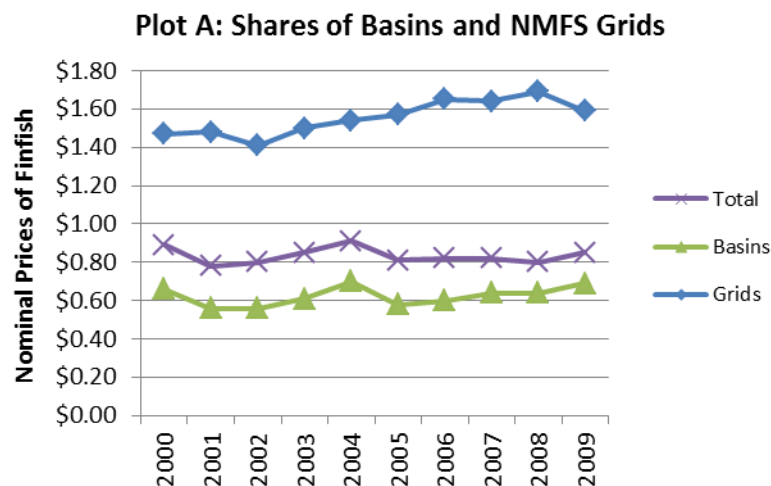
from the basins. The largest volume of finfish harvested from the federal waters occurred in 2000 (720.8 million) and the smallest volume (404.2 million) occurred in 2009.

Of the volume of finfish landed from state waters (Plot B and C) during the 2000-2009 period, the largest was from Barataria Basin, which averaged 122.7 million with an interval running from 91.9 million in 2001 and 163.3 million in 2000. Next was the Lake Pontchartrain Basin with an average of 116.4 million pounds and a range of between 52.2 million pounds (2005) and 191.8 million pounds (2009). At a distant third was Terrebonne Basin from where an average of 44.5 million pounds of finfish was landed (or ranged between 15.7 million in 2005 and 84.6 million in 2008). Pearl River Basin supplied the least amount of finfish, which averaged 16,728 pounds.

Plot D of Figure 2.7 shows that Grids 15, 16 and 17 topped other grids in the volume of finfish harvested from their waters. The volume of finfish landings from Grid 15 averaged 186.6 million pounds and ranged from 64.8 million in 2001 to 338.2 million in 2002. The volume from Grid 16 ranged from 63.8 million in 2002 to 289.2 million in 2003 and averaged 177.7 million pounds. For Grid 17, the average volume of finfish was 158.9 million pounds with a minimum of 37.4 million in 2003 and a maximum of 370.8 million in 2000. Only 9.7 million pounds of finfish, on average, was collectively harvested from other grids.

2.1.5.2 Average Dockside Prices of Finfish by LDWF Trip Ticket Basin and NMFS Grid

The average nominal dockside prices of finfish harvested from the LDWF basins (state waters) and the NMFS grids (federal waters) during the period between 2000 and 2009 are shown in Figure 2.8, Plots A to D. Plot A shows that the finfish harvested from the federal grids commanded higher nominal prices per pound than the total average prices by a minimum margin of \$0.58, which occurred in 2000 and a maximum margin of \$0.89 in 2008. The nominal



Source: Appendix Tables D.11. See Appendix Figure D.3 for the real dockside prices of finfish by basin and grid.

Figure 2.8 Average Nominal Dockside Prices of Finfish by LDWF Trip Ticket Basin and NMFS Grid, 2000 – 2009

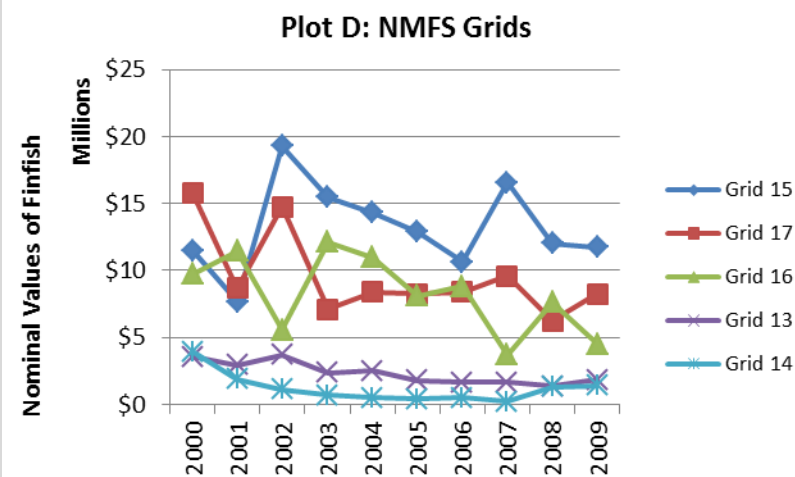
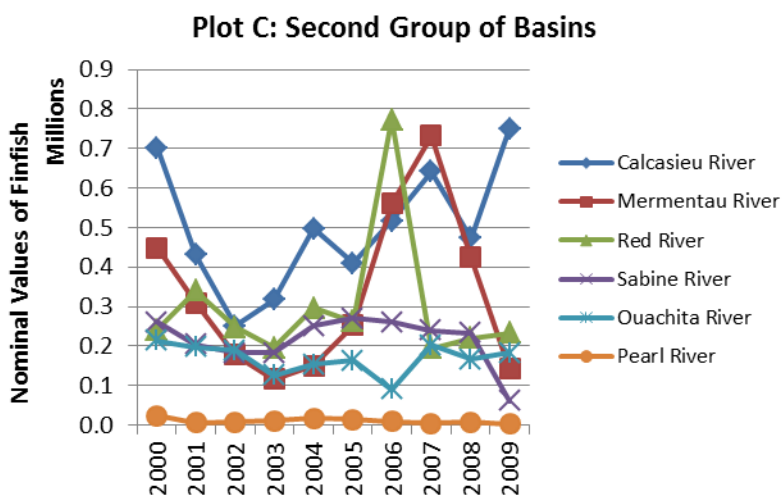
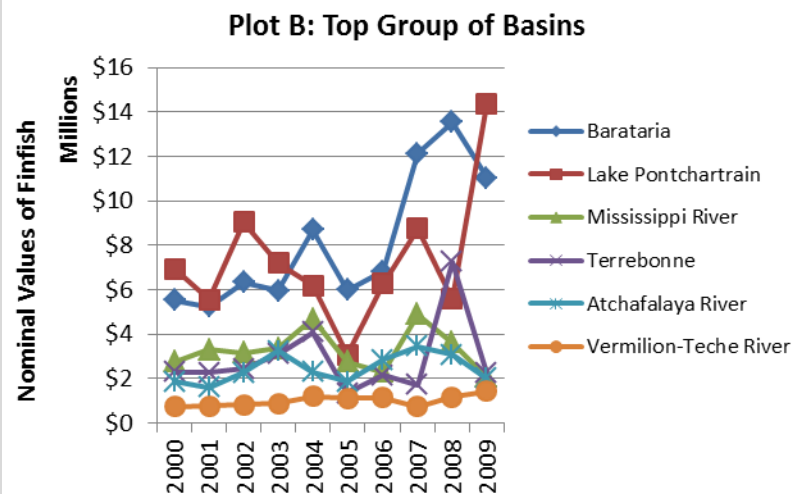
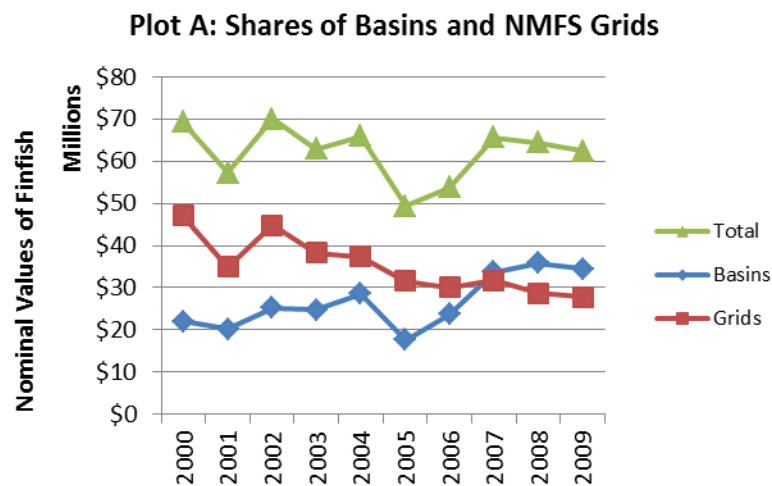
dockside prices per pound of finfish from the LDWF basins were lower than the total average prices with a consistent margin, which averaged \$0.21.

Plots B and C present the average nominal dockside prices of finfish across the LDWF basins. In most basins, average dockside nominal prices have risen consistently from 2000 through 2009 (e.g. Terrebonne, Sabine River, Vermilion-Teche River, Mermentau River). The Terrebonne Basin clearly led other basins with a nominal price per pound, which ranged from \$1.24 in 2000 to \$2.20 in 2009 and averaged \$1.61 for the entire period. The nominal prices of a pound of finfish from the rest of the basins alternated, but averaged \$0.92 for the Lake Pontchartrain Basin, \$0.91 for the Calcasieu River Basin, and \$0.82 for the Barataria Basin during the 2000-2009 period.

Except for 2005 when there was no report of finfish landings, Grid 11 had the highest dockside price of finfish per pound, ranging from \$1.19 in 2000 to \$3.38 in 2008 (Plot D) but averaged \$1.99. The average nominal prices per pound of finfish from other grids are orderable using their periodic averages, which are \$1.65 for Grid 14, \$1.61 for Grid 15 and \$1.53 for Grid 13. Finfish from Grids 16 and 17 sold for an average of \$1.50 and \$1.44 per pound, respectively.

2.1.5.3 Dockside Values of Finfish by LDWF Trip Ticket Basin and NMFS Grid

Figure 2.9 shows the nominal dockside values of finfish harvested from Louisiana basins and federal grids from 2000 through 2009. Plot A shows that prior to 2007 the share of nominal values of finfish harvested from the NMFS grids were greater but have been overtaken by the values of finfish from the LDWF basins since then. Precisely, the share of nominal values of finfish from the grids ranged from 44.5 percent (corresponding to \$28.6 million) in 2008 to 67.9 percent (\$47.1 million) in 2000, while the share of values of finfish from the basins ranged from 31.7 percent (\$22.0 million) in 2000 to 55.5 percent (\$35.8 million) in 2008.



Source: Appendix Tables D.13. See Appendix Figure D.4 for the real dockside values of finfish by basin and grid.

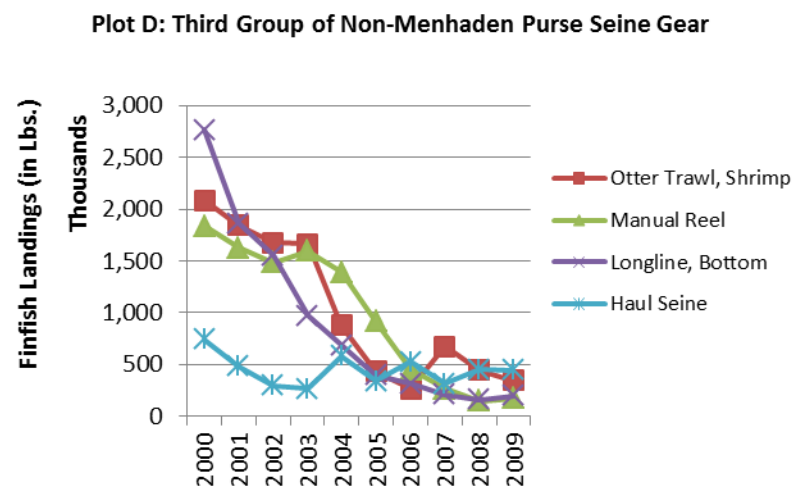
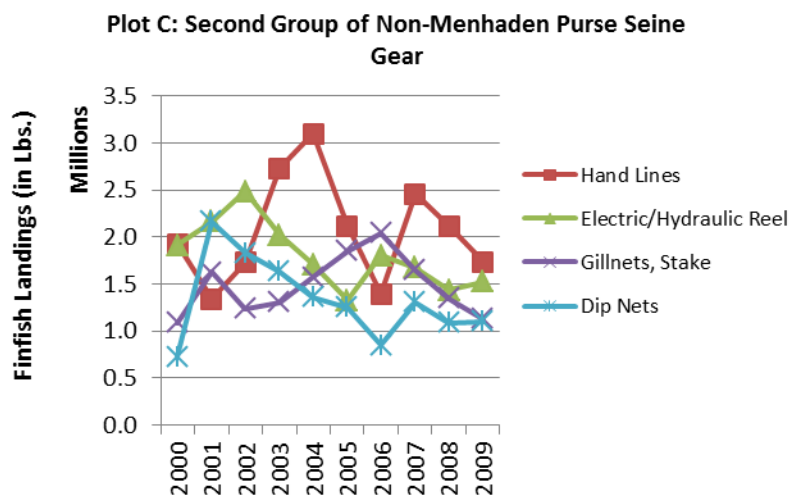
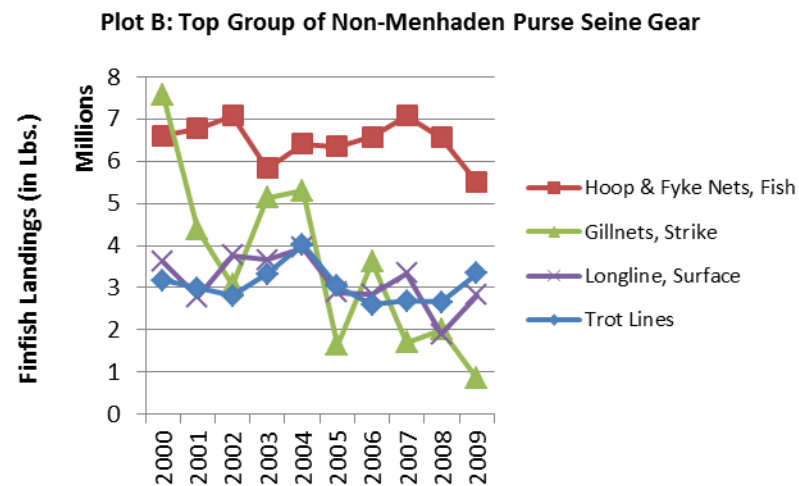
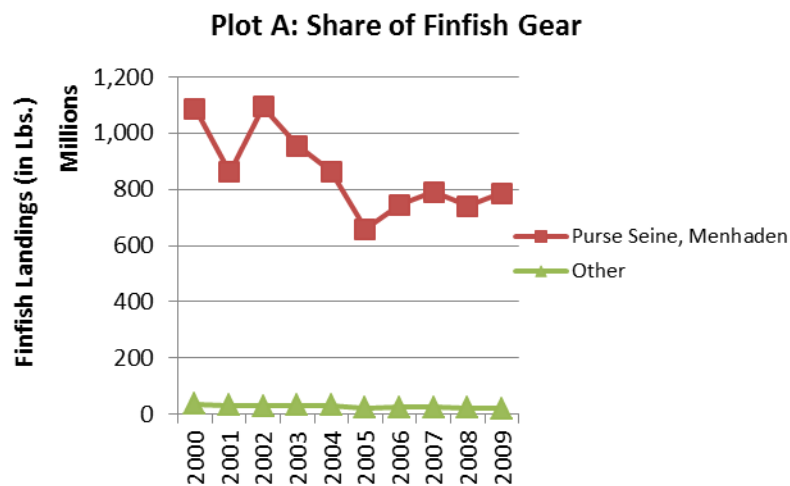
Figure 2.9 Nominal Dockside Values of Finfish by LDWF Trip Ticket Basin and NMFS Grid, 2000 – 2009

Plots B and C spread the basins' share of finfish nominal values across individual basins. Among these basins, Barataria led with a finfish value ranging from \$5.2 million (2001) to \$13.5 million (2008), followed by Lake Pontchartrain with finfish harvest valued at a range from \$3.1 million (2005) to \$14.4 million (2009). Following Lake Pontchartrain was Mississippi River Basin where finfish worth ranging from \$2.1 million (2009) to \$4.9 million (2007) was harvest. The smallest nominal value was from finfish harvested from Pearl River Basin.

Similarly, Plot D spreads the grids' share of the nominal values of finfish across individual federal grids. These trends were less erratic compared to the basins. The worth of the finfish harvested from Grids 15 was the largest among the grids with value, which ranged from \$7.7 million in 2001 to \$19.3 million in 2002 (averaging \$13.2 million). Next are Grid 17 where finfish worth of between \$6.3 million in 2008 and \$15.8 million in 2000 (average of \$9.6 million) are harvested, followed by Grid 16 where finfish with a worth ranging from \$3.7 million in 2007 to \$12.1 million 2003 (average of \$8.3 million) were harvested. All other grids collectively contributed an average nominal value of \$4.2 million to finfish fishery during the period between 2000 and 2009.

2.1.6 Landings and Dockside Values of Finfish by Fishing Gear

The landings and the nominal dockside values of finfish harvested from 2000 through 2009 were examined by the type of gear, which fishermen reportedly used to harvest them. Figure 2.10, Plot A shows that the majority of the finfish, which averaged 857.7 million pounds (or 96.8 percent) annually, were harvested using menhaden purse seine in the period between 2000 and 2009. The rest (3.2 percent) was distributed across other gear types shown in Plot B to Plot D, with hoop and fyke nets being the most popular non-menhaden related gear used to harvest an average of 6.5 million pounds of finfish. Other gear that have been constantly used



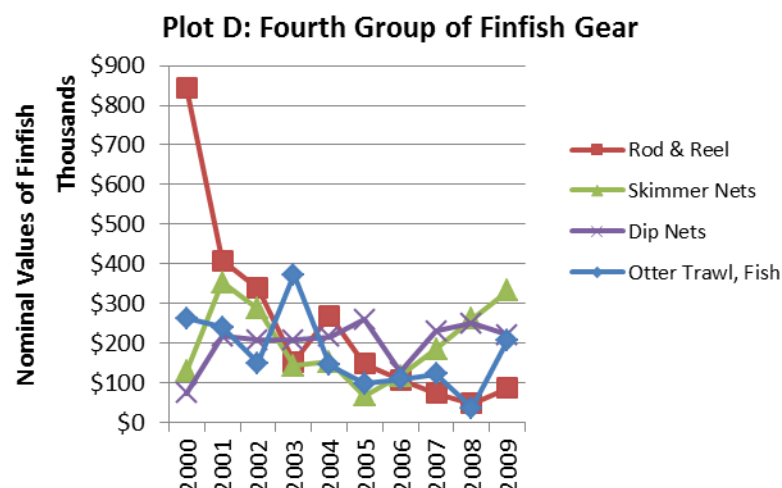
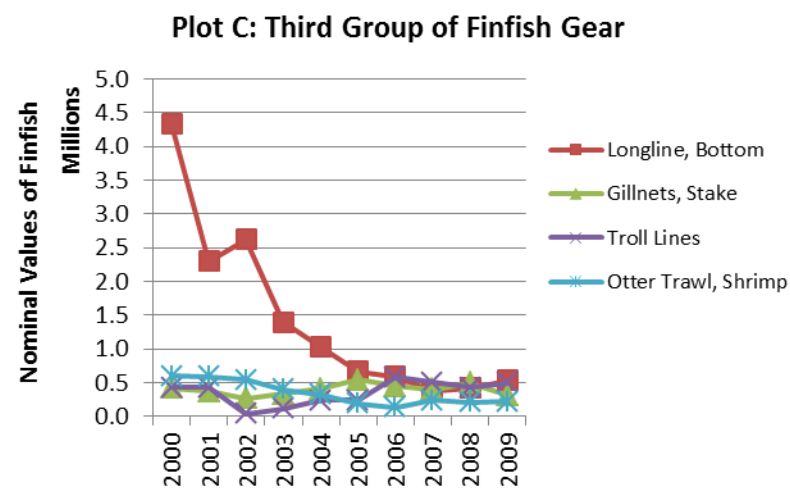
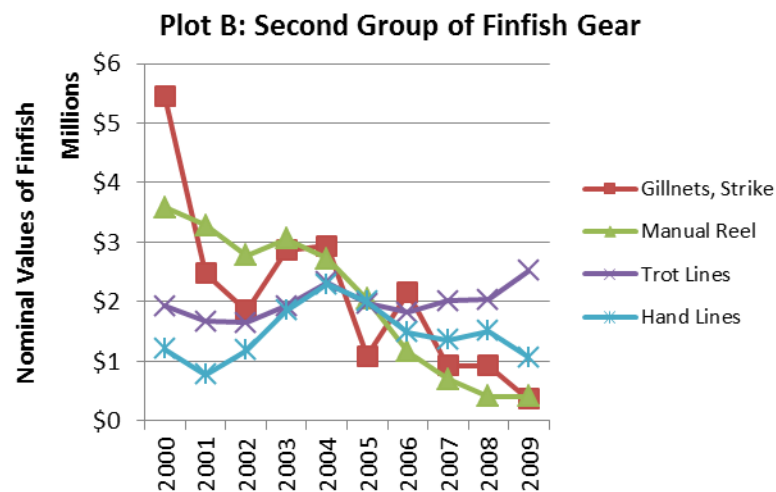
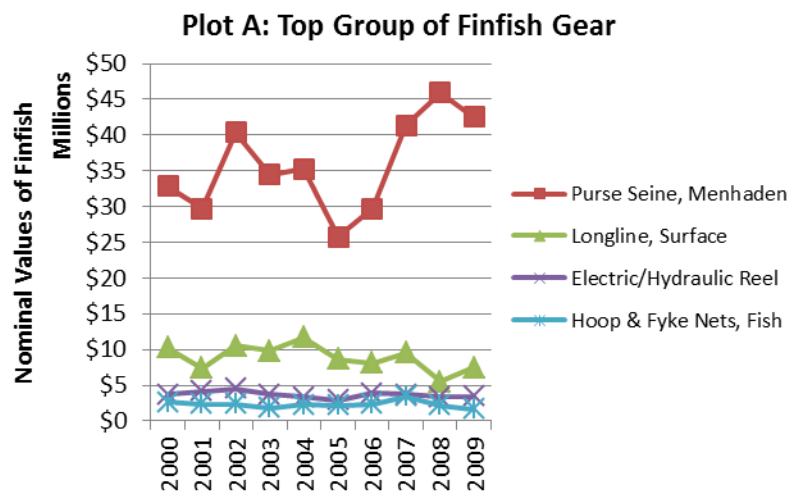
Source: Appendix Tables D.15. Note that the “other” in Plot A are the gears shown in Plots B, C and D.

Figure 2.10 Finfish Landings by Gear Type, 2000 – 2009

with the average pounds of finfish they have been used to harvest per year, were strike gillnets (3.5 million), surface longline (3.2 million), trot lines (3.1 million), hand lines (2.1 million), electric or hydraulic reel (1.8 million), stake gillnets (1.5 million) and dip nets (1.3 million). It appears that the remaining gear were less significant.

The nominal values of finfish harvested by the gear highlighted in the previous paragraph are shown in Figure 2.11. Plot A shows that menhaden purse seine alone contributed approximately 57.6 percent annually (\$35.8 million) of worth of finfish landed in Louisiana, followed by surface longline with an average of \$8.9 million per year, electric or hydraulic reel (\$3.7 million per year) and fish hoop and fyke nets (\$2.3 million per year).

The nominal values of finfish in Plots B to D show different patterns and trends for the 2000-2009 period. For example, the contributions of trot and hand lines (Plot B) as well as stake gillnets and troll lines (Plot C) to the total nominal value of finfish were relatively steady, while the contributions of other gear types were disappearing. However, the nominal value of finfish harvested by skimmer nets took a surprising upward turn from \$68,477 in 2005 to reach \$332,071 in 2009, corresponding to an increase in volume from 131,316 to 724,690 pounds.



Source: Appendix Tables D.16. See Appendix Figure D.5 for dockside real value of finfish by gear type.

Figure 2.11 Nominal Dockside Values of Finfish by Gear Type, 2000 – 2009

2.2 Freshwater Finfish Landings, Dockside Prices and Values

In this section, the volumes of landings, average dockside prices and values of finfish harvested from freshwater areas of Louisiana waters (See Appendix Figure K.1) are presented by finfish species, major fishing area (river basin), type of gear used to harvest them, landing condition and landing unit. Only the nominal prices and nominal values are presented in the report. See Appendix E.1 and E.2 for plots of the real prices and real values.

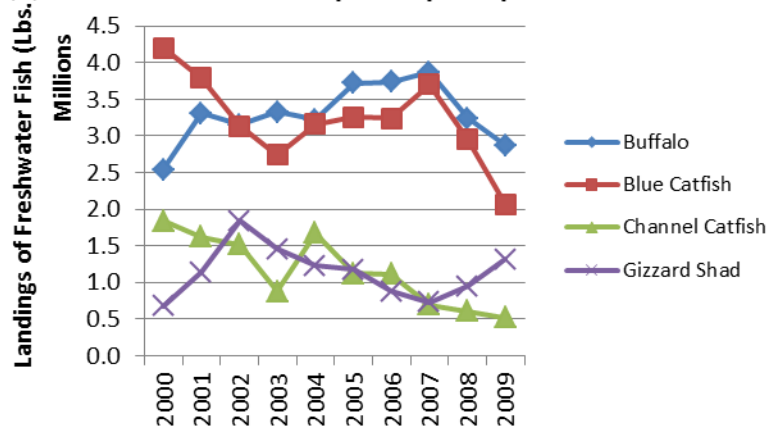
2.2.1 Freshwater Finfish Landings, Dockside Prices and Values by Species

The volumes of the major species of freshwater finfish, which were landed in Louisiana in the period between 2000 and 2009, are shown in Figure 2.12, Plots A to D. As Plot A shows, the top two distinct species with their pounds of landings were buffalo (between 2.5 million pounds in 2000 and 3.9 million pounds in 2007) and blue catfish (between 4.2 million pounds in 2000 and 2.1 million pounds in 2009). Occurring at a distant third and fourth were channel catfish and gizzard shad. The volume of channel catfish landed ranged from 1.8 million pounds in 2000 to 0.5 million pounds in 2009. Landings of gizzard shad ranged from 0.7 million pounds in 2000 to 1.8 million pounds in 2002.

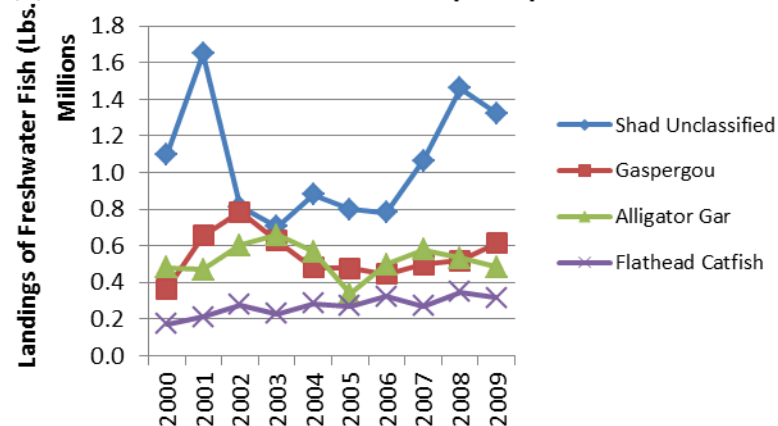
Next are unclassified shads (other shads apart from gizzard and threadfin shads) shown in Plot B. Its landings (in pounds) ranged between 0.7 million in 2003 to 1.7 million in 2001. The remaining species in Plot B to Plot D had volumes, which were individually below an average of 550.0 thousand pounds. The trends for bowfin and bighead carp (Plot C) and bullheads and unclassified garfish (Plot D) were more erratic than the trends for other finfish species.

The average nominal dockside prices per pound of freshwater finfish species are shown in Figure 2.13. Plot A shows the trend in the nominal price of minnows only, which far more

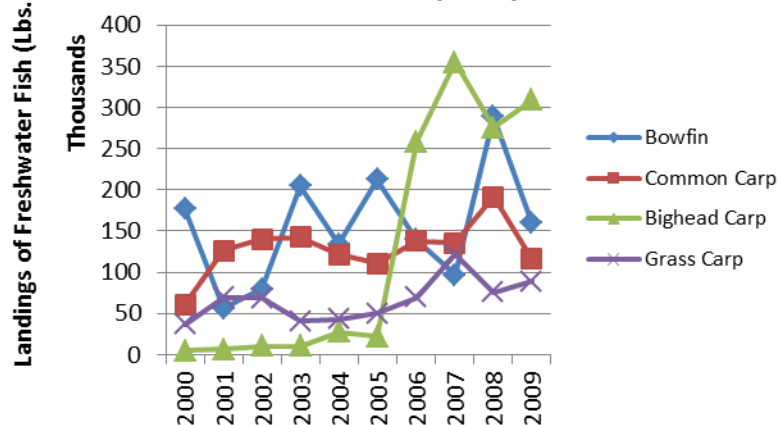
Plot A: Top Group of Species



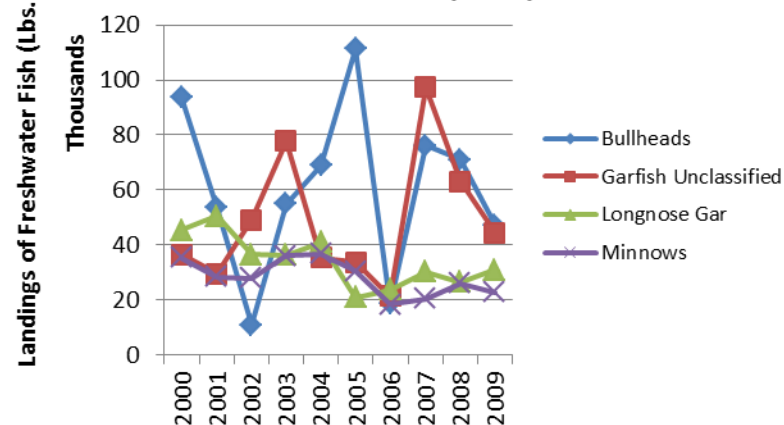
Plot B: Second Group of Species



Plot C: Third Group of Species

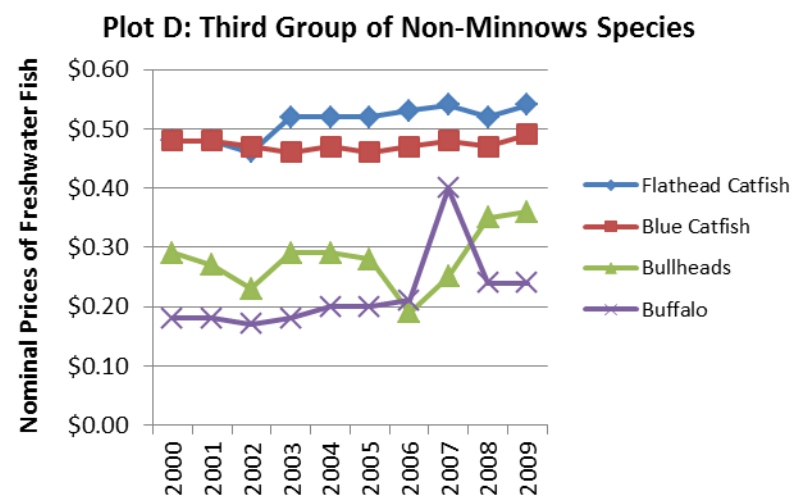
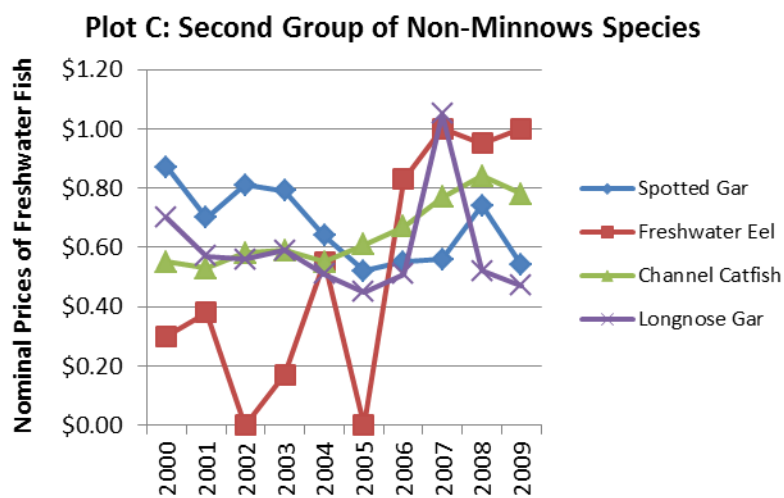
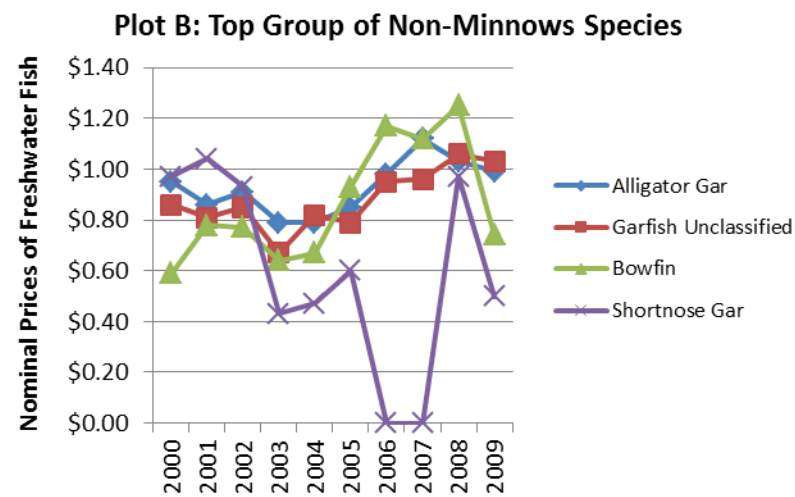
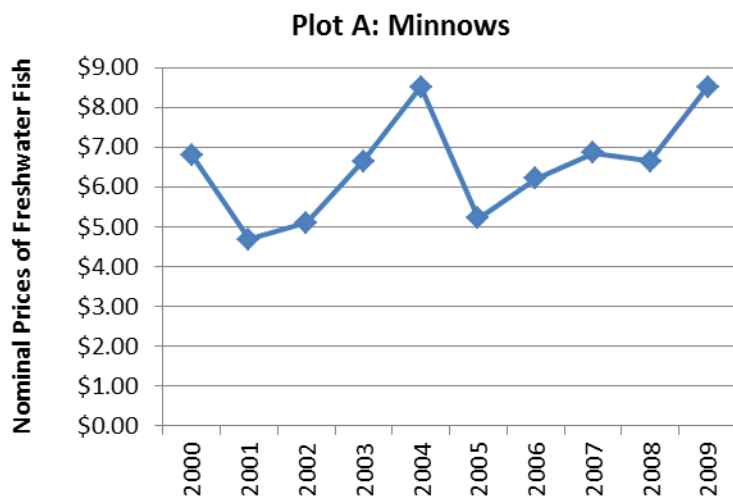


Plot D: Fourth Group of Species



Source: Appendix Tables E.1.

Figure 2.12 Freshwater Finfish Landings by Species, 2000 – 2009



Source: Appendix Tables E.2. See appendix Figure E.1 for the average real dockside prices of freshwater fish by species.

Figure 2.13 Average Nominal Dockside Prices of Freshwater Finfish by Species, 2000 – 2009

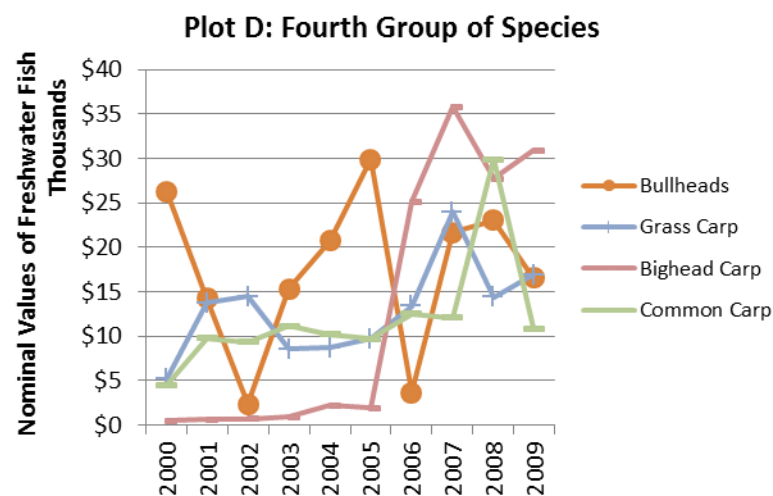
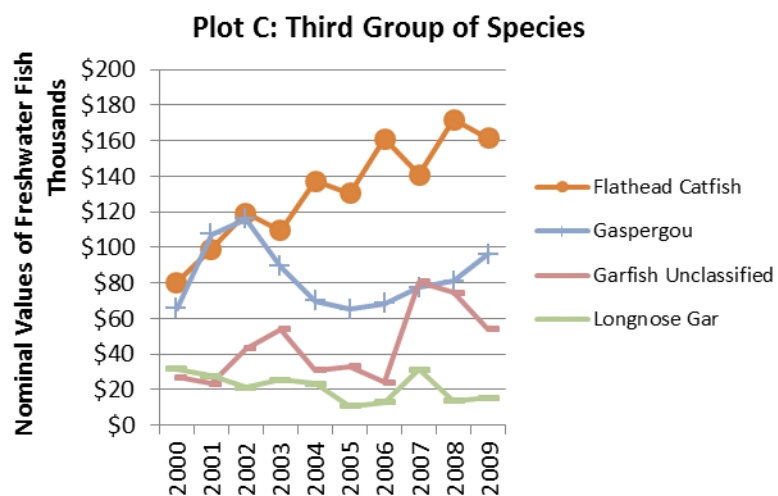
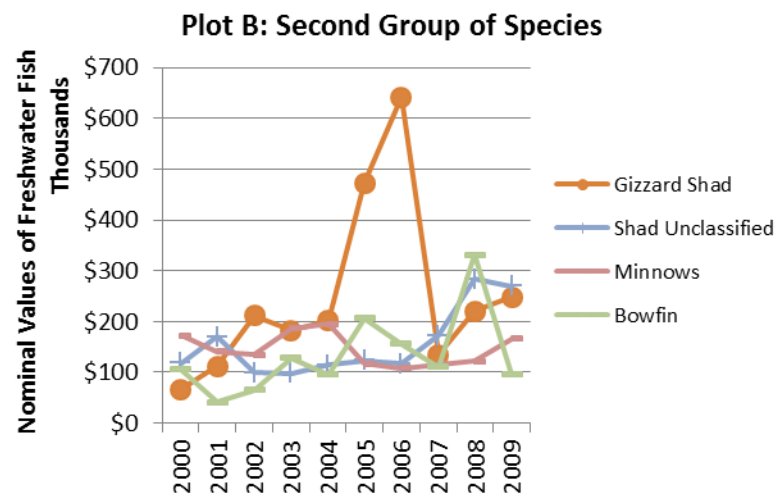
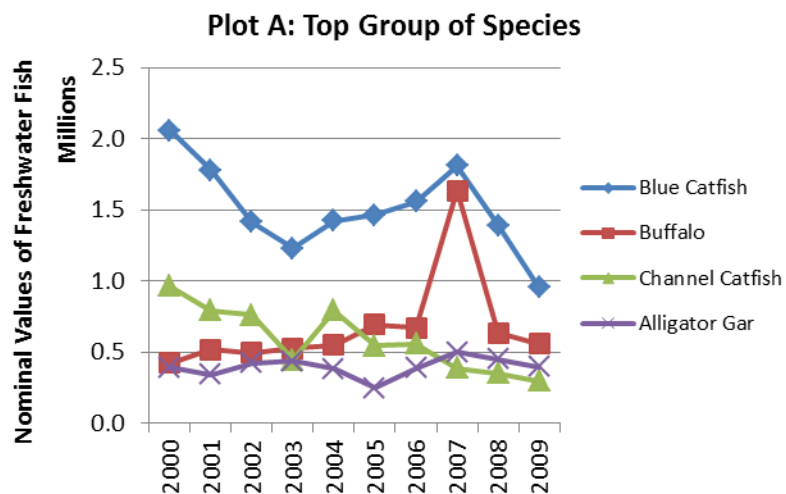
exceeded the prices of all other freshwater finfish species. The average nominal dockside price of a pound of minnows was between \$4.68 in 2001 and \$8.52 in 2004 (equivalent of an average of \$6.52 for the entire 2000-2009 trip ticket period).

The trends in the average nominal prices of the major non-minnows species are presented in Plots B to D. The top three species were alligator gar, unclassified garfish and bowfin (grinnel). The average nominal dockside price per pound ranged between \$0.79 (2003) and \$1.12 (2007) for alligator gar, between \$0.67 (2003) and \$1.06 (2008) for unclassified gar and between \$0.59 (2000) and \$1.25 (2008) for bowfin. The pattern and trend were similar for shortnose gar except for 2006 and 2007 when no shortnose gar was reportedly sold. On average, the prices of all other freshwater finfish species were \$0.67 (for spotted gar) or below.

Figure 2.14 shows the nominal dockside values of freshwater finfish by species. The top species was blue catfish with a nominal value between \$2.1 million in 2000 and approximately \$1.0 million in 2009, followed by buffalo, whose value was between \$0.4 million (2000) and \$1.6 million (2007) and channel catfish which fell between \$0.3 million (2009) and \$1.0 million (2002). Next was alligator gar whose nominal dockside value varied from \$244.4 thousand in 2005 and \$497.8 thousand in 2007. Except for a few number of outliers for gizzard shad, the nominal dockside values of all other species (Plots B to D) were below \$200.0 thousand per year.

2.2.2 Freshwater Finfish Landings, Dockside Prices and Values by LDWF Trip Ticket Basin and NMFS Grid

For every fishing trip, individual fishermen are mandated to report on the trip ticket forms the fishing area from where the majority of seafood was caught, regardless of the mix of the seafood landed for that trip. The fishing areas might fall into Louisiana designated basins (state waters) or, in some cases, federal grids (federal waters). This section presents the



Source: Appendix Tables E.4. See appendix Figure E.2 for the real dockside values of freshwater finfish by species.

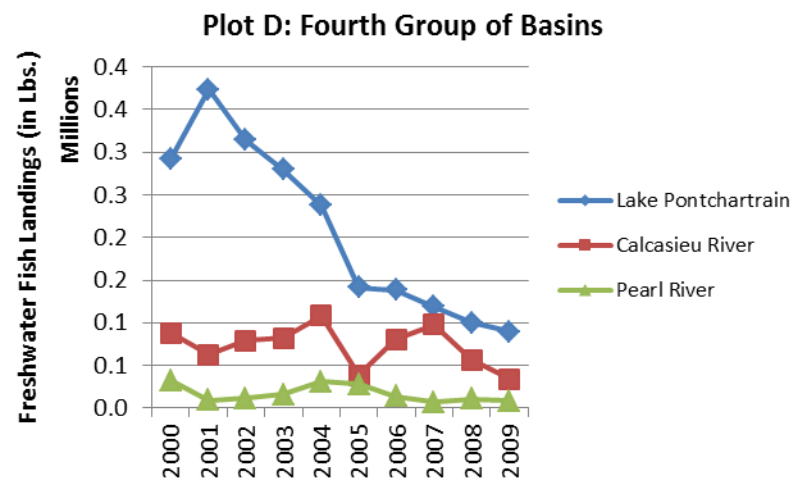
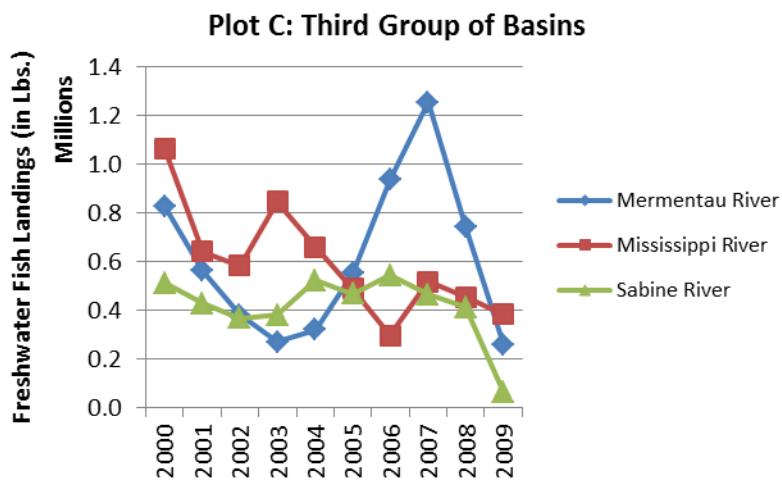
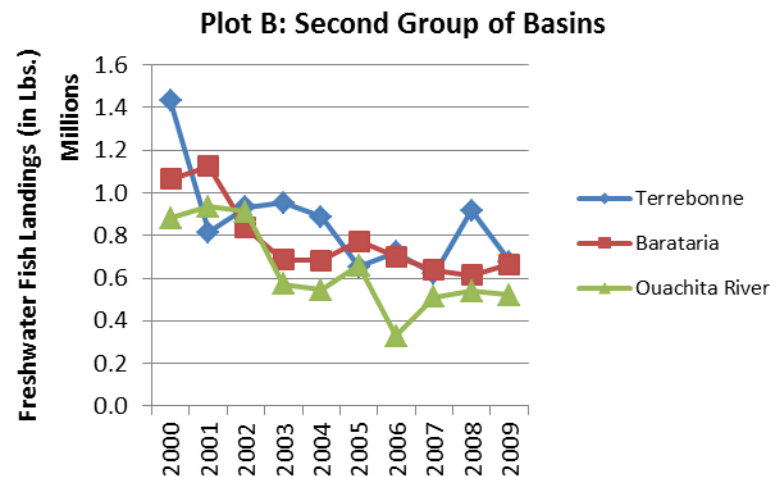
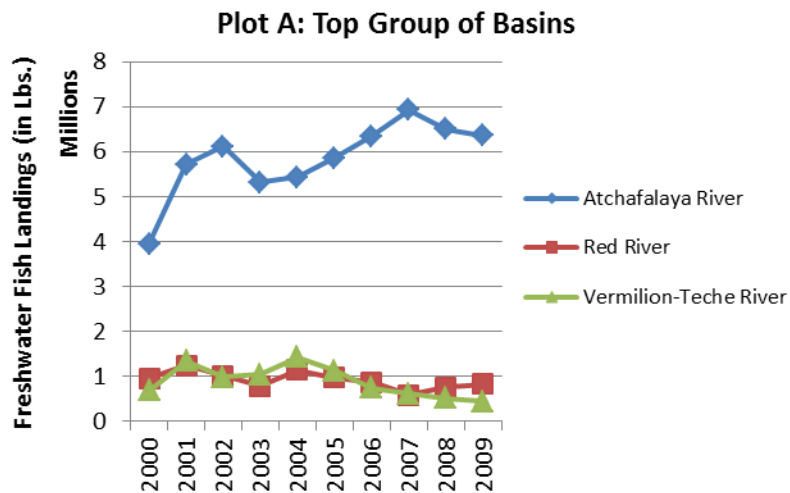
Figure 2.14 Nominal Dockside Values of Freshwater Finfish by Species, 2000 – 2009

volumes, average dockside prices and dockside values of finfish component of the seafood, which were reportedly landed from Louisiana basins' freshwater areas.

Figure 2.15 shows the volume of freshwater finfish landed from inland and coastal waters in Louisiana basins from 2000 through 2009. Except for 2000, approximately one-half (49.3 percent; an average of 5.9 million pounds) of freshwater finfish came from the Atchafalaya River Basin (Plot A). The total pounds of finfish harvested from Atchafalaya Basin ranged from 3.9 million in 2000 to 6.9 million in 2007.

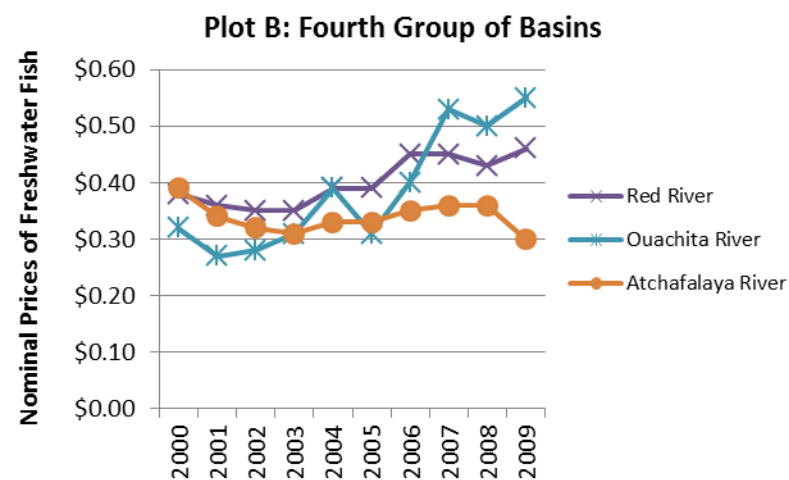
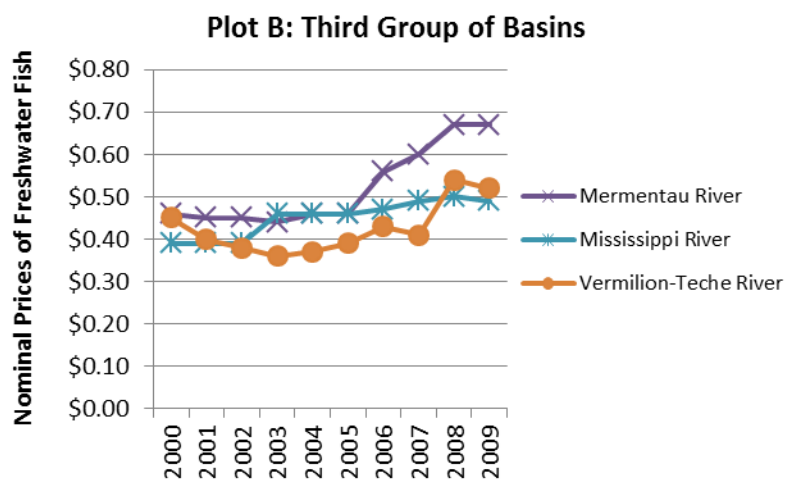
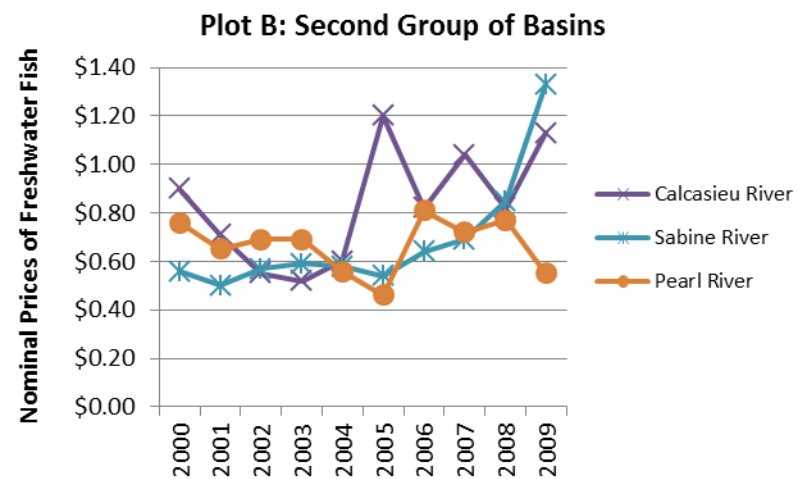
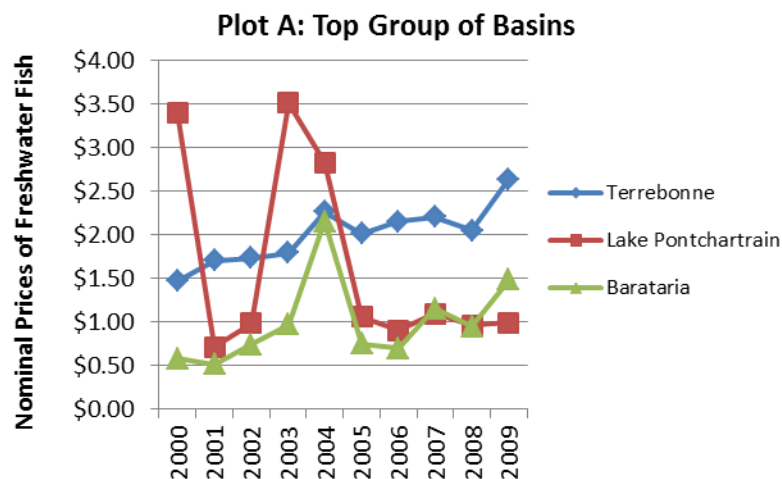
Following Atchafalaya Basin were Red River Basin, from where an annual average of 916.6 thousand pounds of freshwater finfish was harvested, and Vermilion-Teche River Basin with an average of 894.1 thousand pounds of freshwater finfish harvest. The remaining basins with the volume of freshwater finfish harvested are shown in Plots B to D. Of these basins, Plot C shows that Mermentau River Basin exhibited a sharp growth in the volume of freshwater finfish harvested from its waters between 2003 (270.6 thousand pounds) and 2007 (1.3 million pounds), while Plot D shows that landings of finfish from Lake Pontchartrain freshwater areas fell from 373.3 thousand pounds in 2001 to a meager amount of 89.2 thousand pounds in 2009.

The average nominal dockside prices of freshwater finfish associated with the basins from where the majority of seafood landings were harvested in the period between 2000 and 2009 are presented in Figure 2.16, Plots A to D. Finfish from the freshwaters of Terrebonne Basin commanded the highest average price per pound ranging from \$1.47 in 2000 to \$2.64 in 2009 (averaged \$2.00 for the 2000-2009 period), followed by finfish from Lake Pontchartrain Basin whose price per pound widely fluctuated between \$0.71 in 2001 and \$3.51 in 2003 (or averaged \$1.64) and Barataria Basin with a price of between \$0.51 (2001) and \$2.15 (2004) per pound (averaged \$1.00). In spite of its leading position among the basins in the volume of



Source: Appendix Tables E.6.

Figure 2.15 Freshwater Finfish Landings by LDWF Trip Ticket Basin, 2000 – 2009



Source: Appendix Tables E.7. See appendix Figure E.3 for the average real dockside prices of freshwater finfish by basin (and grid).

Figure 2.16 Average Nominal Dockside Prices of Freshwater Finfish by LDWF Trip Ticket Basin, 2000 – 2009

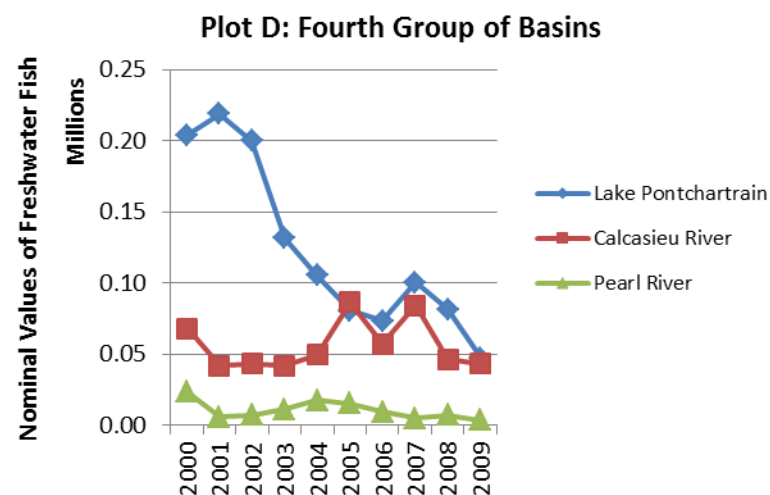
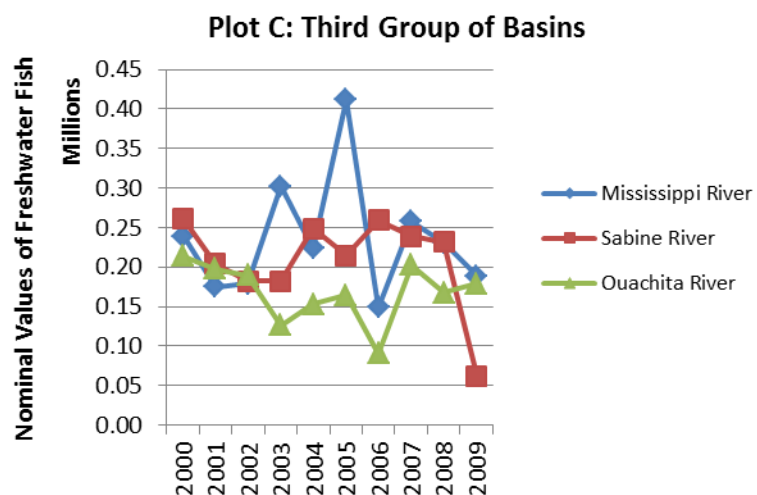
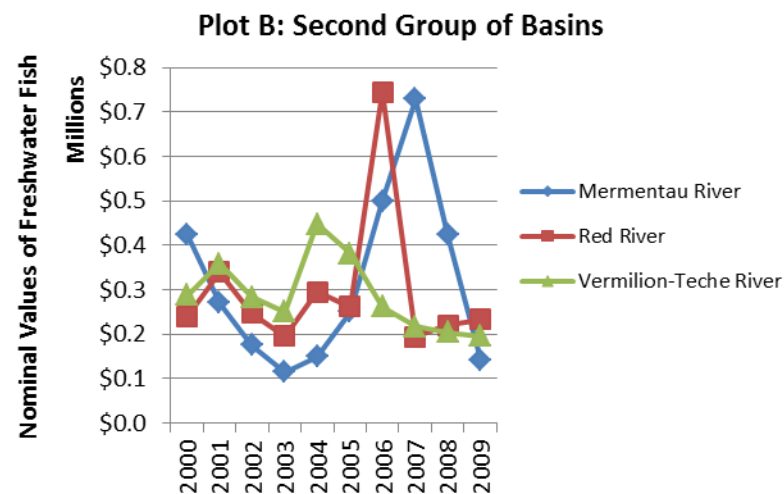
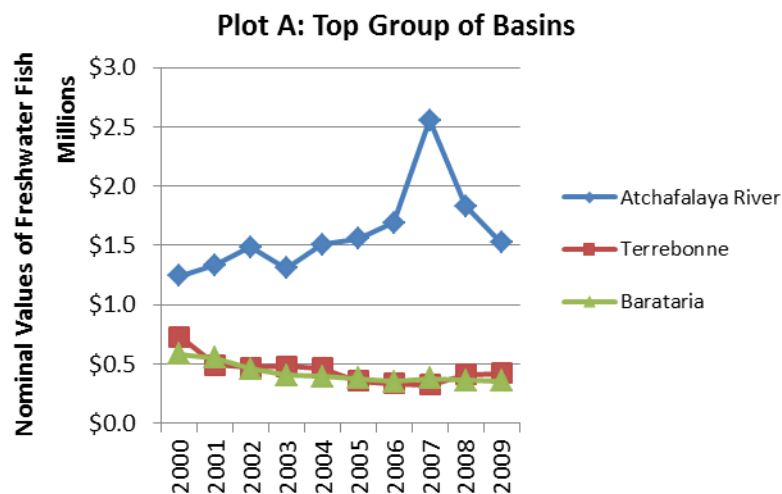
freshwater finfish landings, Atchafalaya Basin rated the lowest in the average nominal price of finfish (Plot D).

Figure 2.17 (Plots A to D) presents the nominal dockside values of finfish reportedly harvested from the basins' freshwaters from 2000 through 2009. Earlier in Figure 2.15, Atchafalaya Basin was discovered to have accounted for almost a half of the freshwater finfish landings from the basins. However, here in Figure 2.17, it contributed only 38.3 percent (corresponding to between \$1.2 million in 2000 and \$2.6 million in 2007) of the total nominal dockside values of finfish from all basins. This phenomenon can be attributed to lower prices of finfish from this basin. Nevertheless, Atchafalaya Basin was the leading basin, contributing an average of \$1.6 million to the total nominal values of freshwater finfish.

Next to Atchafalaya River Basin were Terrebonne Basin from where finfish worth of between \$322,598 in 2007 and \$728,382 in 2000 (average of \$446,974 per year) and Barataria Basins with between \$348,229 in 2006 and \$584,869 in 2000 (average of \$420,735 per year) were harvested. Additionally, Mermentau River Basin saw a relatively big jump of over six fold in the nominal value of finfish from 2003 (\$115,479) to 2007 (\$728,999). The nominal dockside value from Lake Pontchartrain freshwater areas followed the same pattern and trend compared to the landings from the basin with a rapid fall from \$218,650 in 2001 to \$47,213 in 2009.

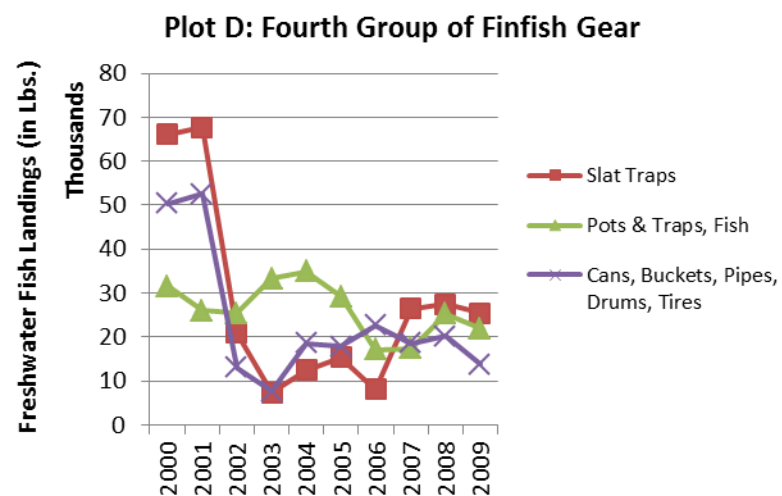
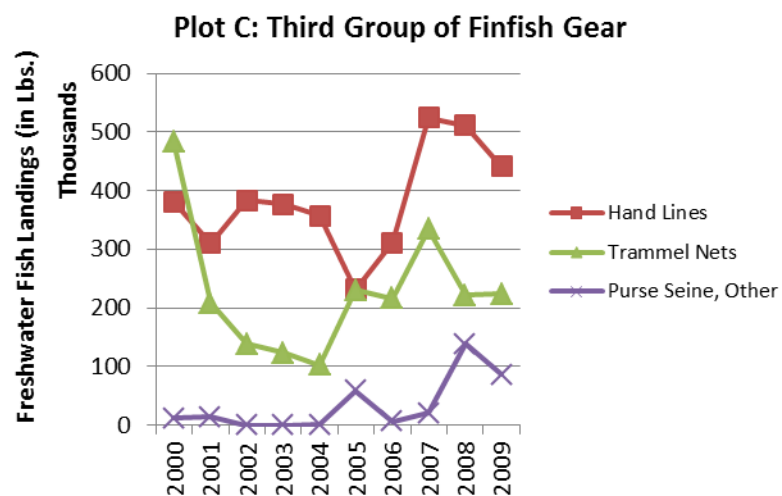
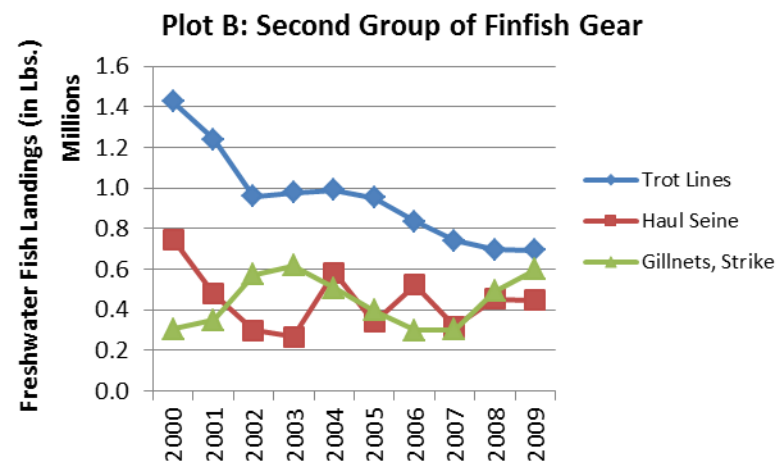
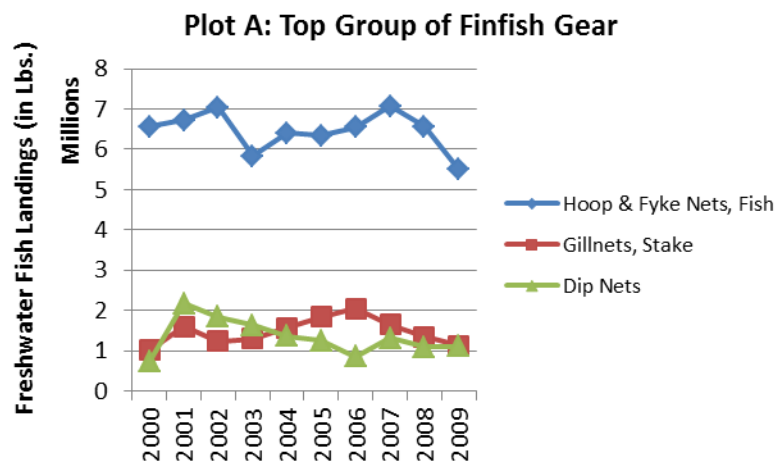
2.2.3 Freshwater Finfish Landings and Dockside Values by Gear Type

The volume of the freshwater finfish landed by the gear type, which the fishermen used to harvest them, are shown in Figure 2.18, Plots A to D. Fish hoop and fyke nets (Plot A) contributed an average of 6.5 million pounds of freshwater finfish in the period between 2000 and 2009, followed by stake gillnets and dip nets, whose contribution averaged 1.5 million and 1.3 million pounds, respectively. A substantial portion of the total freshwater finfish landings



Source: Appendix Tables E.9. See appendix Figure E.4 for the real dockside values of freshwater finfish by basin (and grid).

Figure 2.17 Nominal Dockside Values Freshwater Finfish by LDWF Trip Ticket Basin, 2000 – 2009



Source: Appendix Tables E.11.

Figure 2.18 Freshwater Finfish Landings by Gear Type, 2000 – 2009

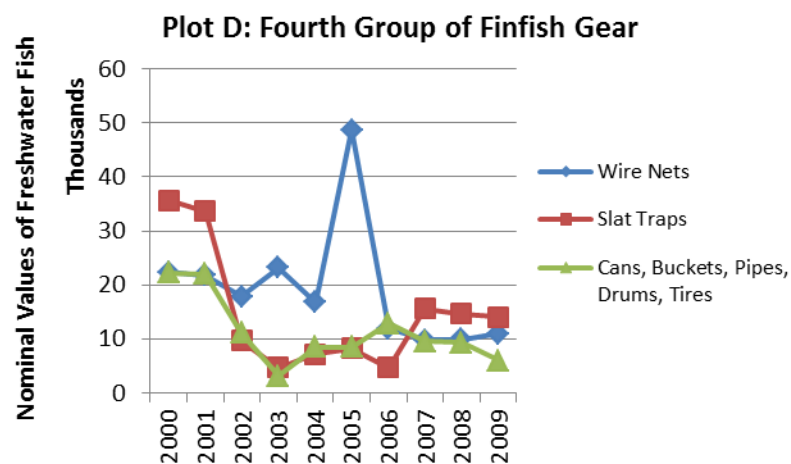
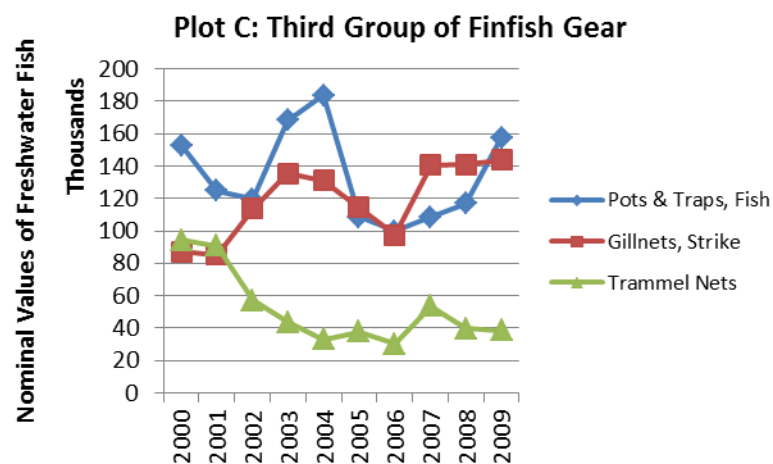
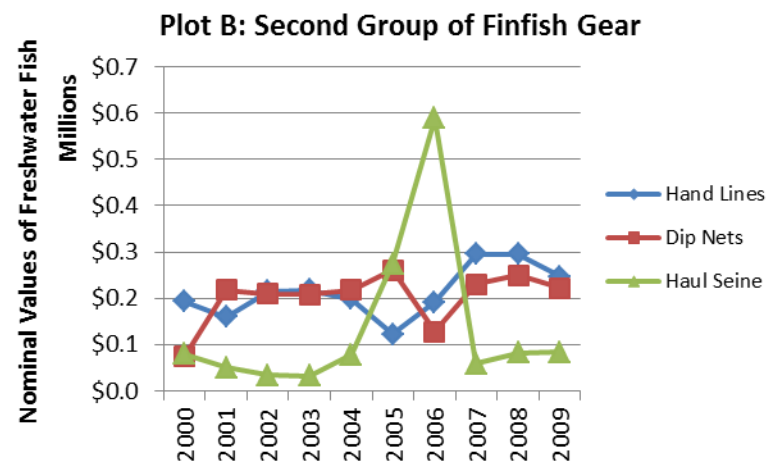
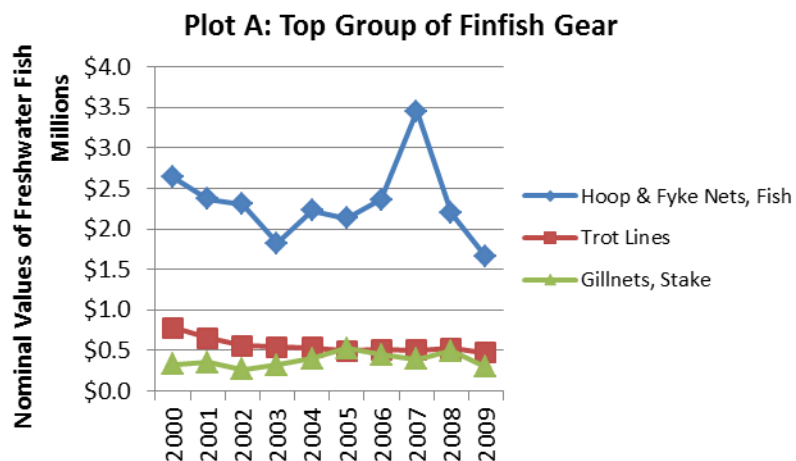
was also contributed by trot lines (Plot B). Other types of gear, most of which are presented in Plots C and D, were used to harvest less than 600 thousand pounds of freshwater finfish every year within the 2000-2009 period. Except for a few number of years, the amount of finfish harvested by the gear generally fluctuated modestly.

The nominal dockside values of the freshwater finfish landed by the gear type are shown in Figure 2.19, Plots A to D. Compared to Figure 2.18, hoop and fyke nets maintained its clear lead with a nominal value, which fluctuated between \$1.7 million in 2009 and \$3.5 million in 2007 (Plot A) but averaged \$2.3 million per year. Conversely, trot lines moved from a fourth to a second position with a near constant nominal value, which averaged about \$0.6 million per year, followed by stake gillnets with an average dockside value of \$0.4 million per year. Except for the outlier in the nominal value of finfish harvested with haul seines in 2006 (Plot B), every other gear contributed a nominal value of finfish below \$300 thousand annually from 2000 through 2009.

2.2.4 Freshwater Finfish Landings, Dockside Prices and Values by Landing Condition

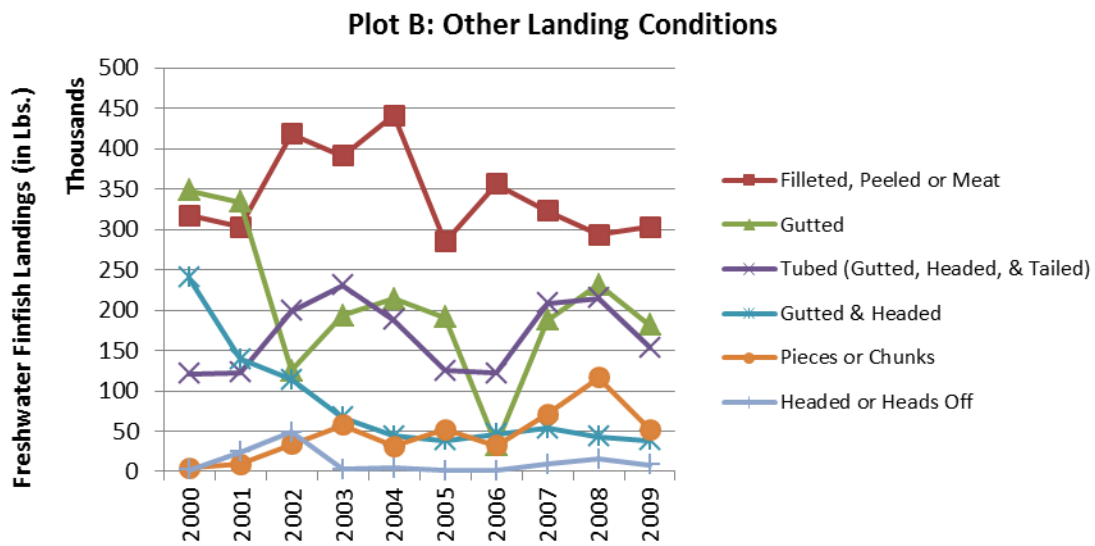
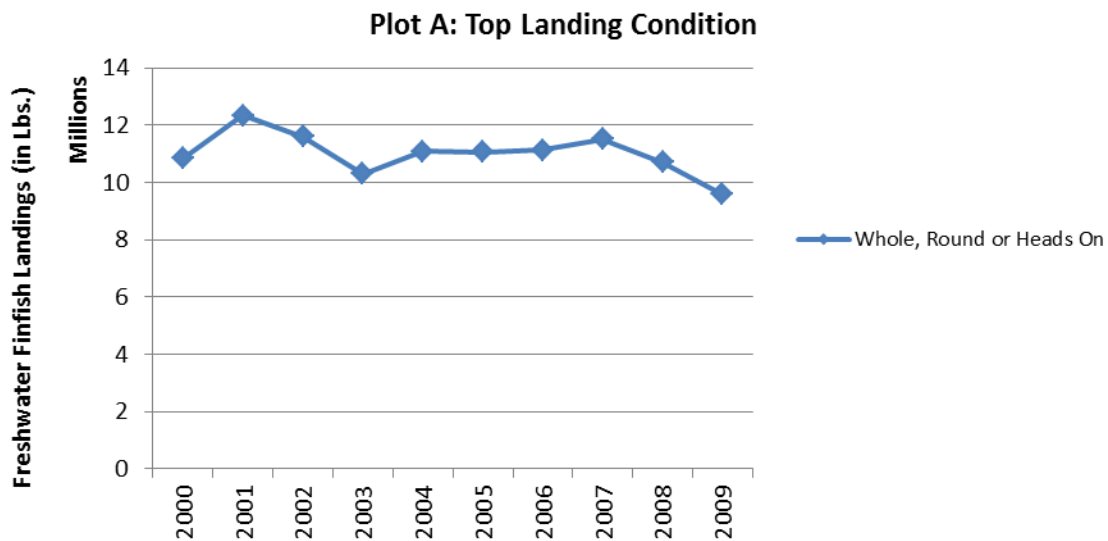
This section describes freshwater finfish landings and values by the conditions in which it was landed at the Louisiana docks. Finfish can be landed whole (round or heads on), gutted, headed (or heads off), tailed, filleted, pieces (or chunks) or a combination of two or more conditions, e.g., gutted and headed, tubed (gutted, headed and tailed), and so on.

Figure 2.20, Plot A shows that the majority (92.8 percent or average of 11.0 million pounds) of the finfish landed at Louisiana docks during the period between 2000 and 2009 was landed whole (round or heads on). Of the remaining portion presented in Plot B, filleted finfish, gutted finfish and tubed finfish accounted for an average of 343.1 thousand pounds, 203.8 thousand pounds, and 168.3 thousand pounds, respectively. Other included finfish, which were



Source: Appendix Tables E.12. See appendix Figure E.5 for the real values of freshwater fish by gear type.

Figure 2.19 Nominal Dockside Values of Freshwater Finfish by Gear Type, 2000 – 2009



Source: Appendix Tables E.14.

Figure 2.20 Landings of Freshwater Finfish by Landing Condition, 2000 - 2009

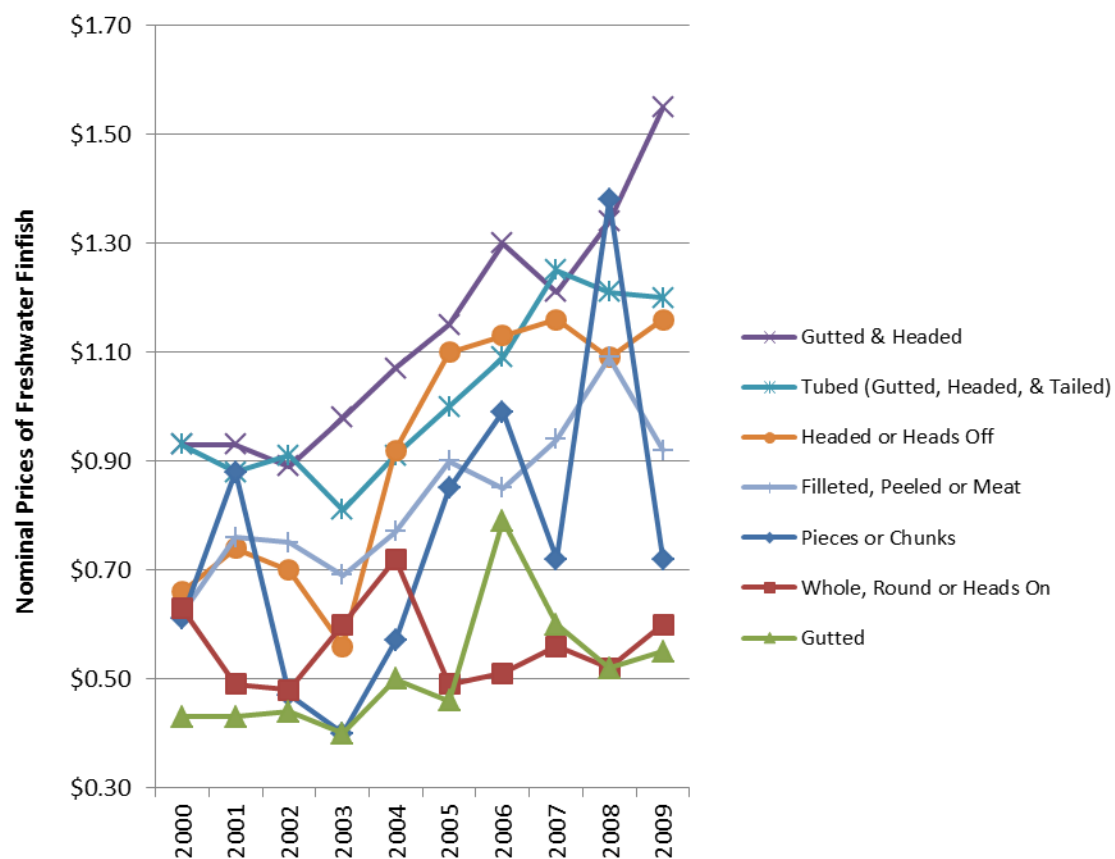
landed gutted and headed, landed in pieces or chunks, or landed headed (heads off), all of which accounted for less than 142 thousand pounds.

The nominal dockside prices of freshwater finfish by landing condition are presented in Figure 2.21. Compared to freshwater finfish, which were landed whole, round or heads on, the nominal prices of freshwater finfish landed in other conditions, except gutted finfish, rose tremendously between 2000 and 2009. Specifically, the finfish landed in the gutted and headed condition commanded the highest nominal dockside price of between \$0.93 in 2002 and \$1.55 in 2009. Of interest also are the finfish landed in the tubed condition with nominal dockside price ranging from \$0.81 in 2003 to \$1.25 in 2007 and in the headed or heads off condition whose nominal price ranged from \$0.56 in 2003 and \$1.16 in 2007 and 2009.

Figure 2.22, Plots A and B, shows the nominal dockside values of freshwater finfish by landing condition. Similar to Figure 2.20, Figure 2.22 shows in Plot A that the freshwater finfish landed whole, round or heads on constituted the single largest value (averaged \$3.6 million) or single largest percentage (86.3 percent) of the total value of freshwater finfish landed in Louisiana. The remaining percentage was contributed mainly by finfish in the filleted, tubed and gutted conditions which had an average annual dockside value of \$203.6 thousand (4.9 percent), \$166.8 thousand (4.0 percent) and \$85.1 thousand (2.0 percent), respectively.

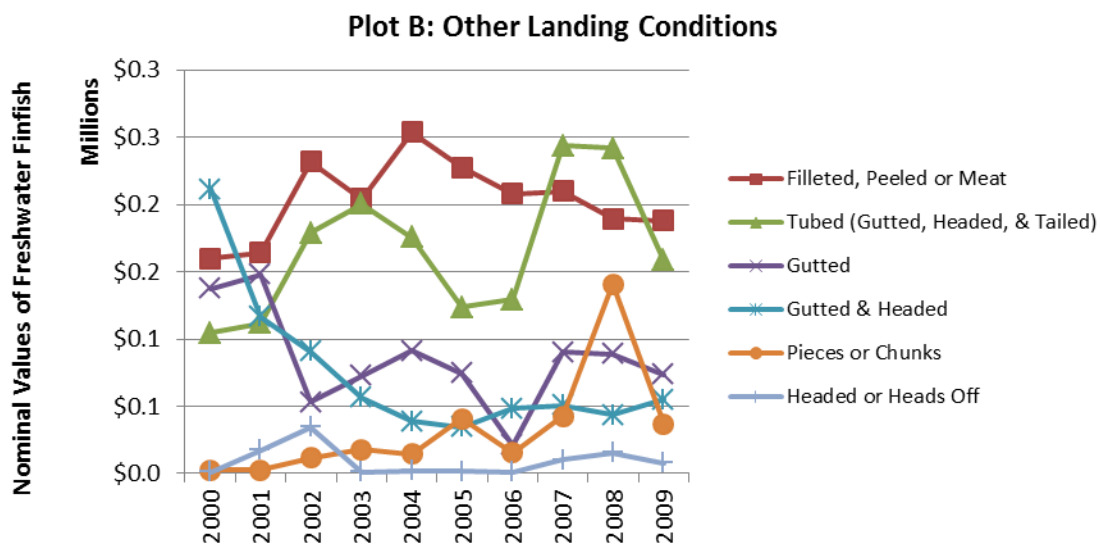
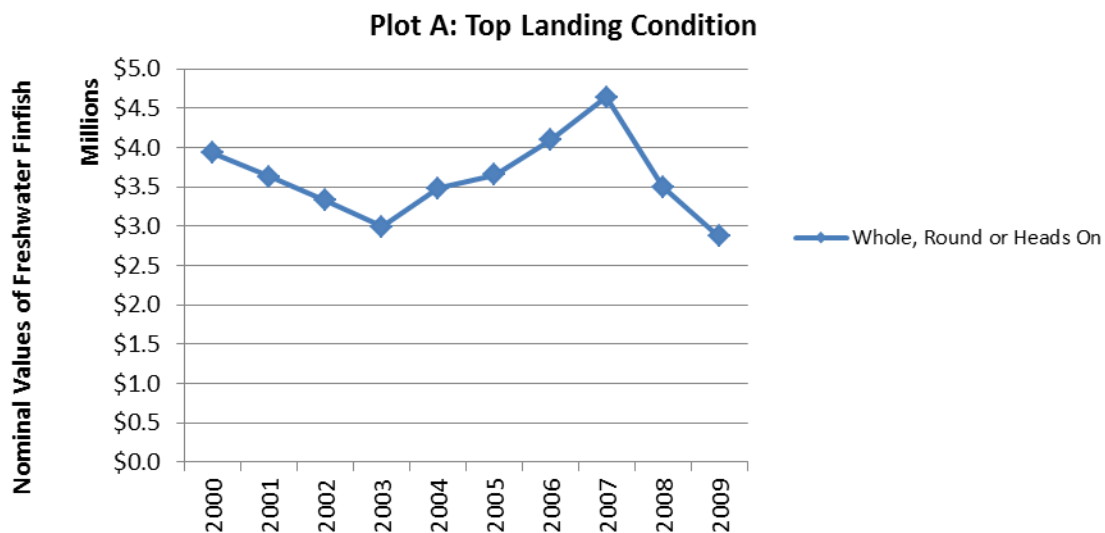
2.2.5 Freshwater Fish Landings and Dockside Values by Landing Unit

This section describes freshwater finfish landings and values by units in which finfish was landed at the docks. Depending on the seafood type, landing unit can be in pounds, sacks, barrels, bushels, dozens, individuals (or by the head), tons or thousands of standard fish (used for menhaden). Table 2.1 shows the landings and the nominal values of freshwater finfish landed in Louisiana. Approximately 99.6 percent (or \$11.8 million pounds) of the freshwater finfish



Source: Appendix Tables E.15. See appendix Figure E.6 for the average real dockside prices of freshwater finfish by landing condition.

Figure 2.21 Average Nominal Dockside Prices of Freshwater Finfish by Landing Condition, 2000 - 2009



Source: Appendix Tables E.16. See appendix Figure E.7 for the real dockside values of freshwater finfish by landing condition.

Figure 2.22 Nominal Dockside Values of Freshwater Finfish by Landing Condition, 2000 – 2009

Table 2.1 Landings and Dockside Values of Freshwater Finfish by Landing Unit, 2000 - 2009

Landing Unit	Landings (in Pounds)											
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average	Percent
Pounds	11,835,592	13,239,997	12,502,978	11,171,140	11,941,952	11,699,070	11,679,855	12,316,832	11,581,561	10,287,685	11,825,666	99.6%
Individuals or By the Head	38,118	31,516	44,478	64,102	72,194	58,723	39,789	36,549	45,546	43,611	47,463	0.4%
Dozens	48	.	.	.	805	.	100	25	.	.	245	0.0%
Total	11,873,758	13,271,513	12,547,457	11,235,243	12,014,951	11,757,793	11,719,745	12,353,406	11,627,106	10,331,296	11,873,227	100.0%
Landing Unit	Nominal Values (in \$)											
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average	Percent
Pounds	4,371,163	4,049,662	3,776,655	3,337,411	3,834,717	4,009,693	4,390,737	5,150,298	4,062,646	3,197,415	4,018,040	96.1%
Individuals or By the Head	174,074	140,606	146,588	206,965	221,650	144,564	126,623	134,371	153,205	191,823	164,047	3.9%
Dozens	230	.	.	.	404	.	713	100	.	.	362	0.0%
Total	4,545,468	4,190,267	3,923,243	3,544,376	4,056,771	4,154,258	4,518,072	5,284,769	4,215,851	3,389,238	4,182,231	100.0%
Landing Unit	Real Values (in 2005 Dollar)											
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average	Percent
Pounds	4,911,420	4,450,178	4,105,059	3,550,438	3,953,317	4,009,693	4,262,851	4,858,772	3,727,198	2,906,741	4,073,567	96.1%
Individuals or By the Head	195,589	154,512	159,335	220,175	228,505	144,564	122,935	126,765	140,555	174,384	166,732	3.9%
Dozens	259	.	.	.	416	.	692	94	.	.	365	0.0%
Total	5,107,267	4,604,689	4,264,394	3,770,613	4,182,239	4,154,258	4,386,478	4,985,631	3,867,753	3,081,125	4,240,445	100.0%

Note: The dots means no landings or values were reported. The average and the percent columns do not consider the dots.

landings were measured in pounds. Similarly, approximately 96.1 percent (or \$4.0 million) of freshwater finfish values can be attributed to those, which were measured in pounds.

2.3 Saltwater Finfish Landings, Dockside Prices and Values

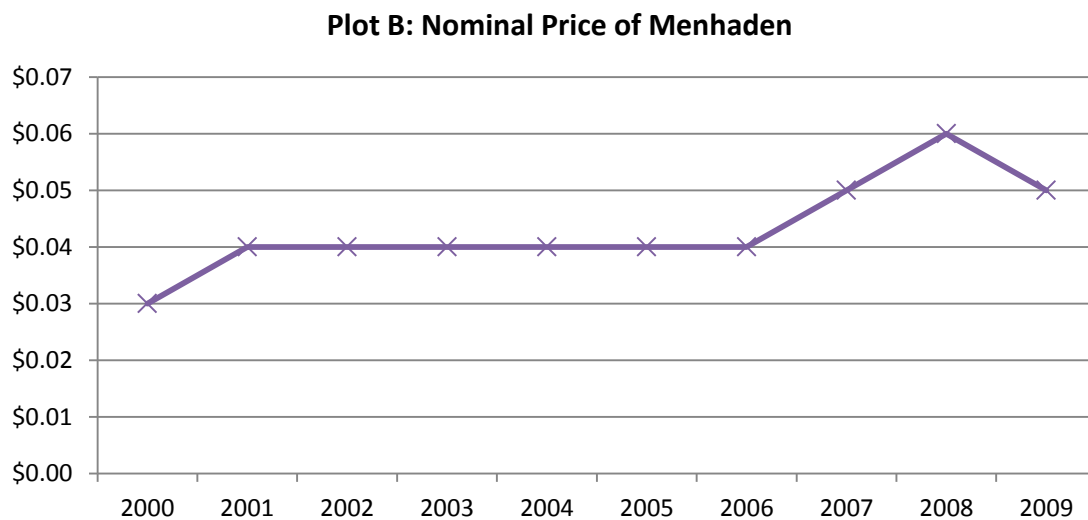
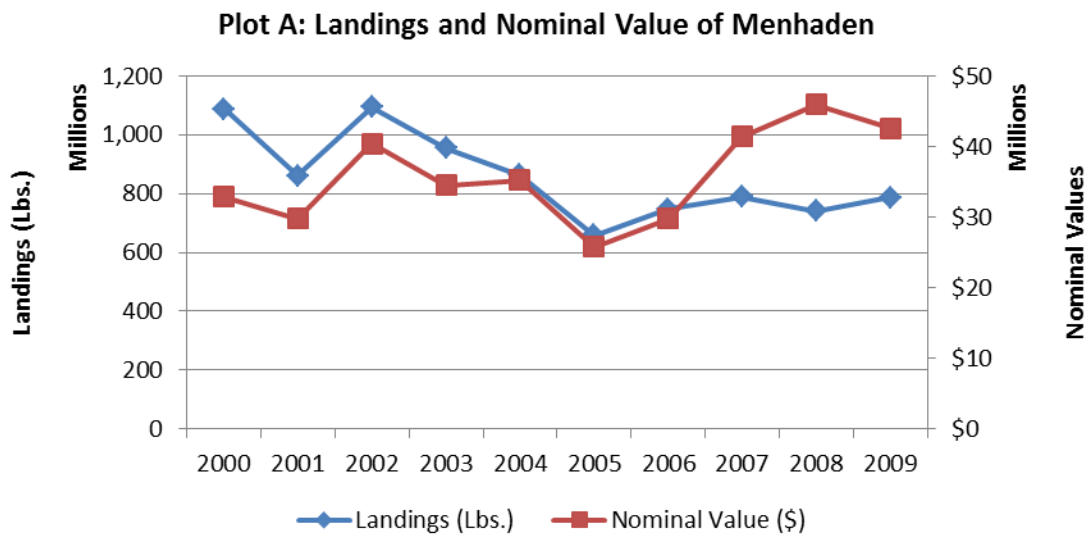
In this section, the volumes of landings, average dockside prices and values of finfish harvested from saltwater areas (See Appendix Figures K.1 and K.3) are presented by finfish species, major fishing area (river basin and grid), type of gear used to harvest them, landing condition and landing unit. Only the nominal prices and nominal values are presented in the report. The real prices and real values can be found in the appropriate section in the appendix.

2.3.1 Saltwater Finfish Landings, Dockside Prices and Values by Species

The section starts with a separate report on the landings, average nominal price and nominal value of menhaden, which constituted the bulk of all saltwater finfish landed in Louisiana in the period between 2000 and 2009. Menhaden contributed an average of 98.2 percent of total landings and average of 61.8 percent of total value of saltwater finfish (Appendix Table B.29).

2.3.1.1 Landings, Dockside Price and Value of Menhaden

Figure 2.23 shows the landings and the nominal values (Plot A) and the nominal price (Plot B) of menhaden landed during the period. The volume of menhaden declined from 1.1 billion pounds in 2000 to a period minimum of 657.7 million pounds in 2005. Similarly, the minimum nominal dockside value of menhaden occurred in 2005 (\$25.8 million) but reached a maximum of \$46.0 million in 2008. The nominal dockside price of menhaden per pound was low compared to many other finfish, fluctuating between \$0.03 in 2000 and \$0.06 in 2008, with an average of approximately \$0.04 per pound from 2000 to 2009.



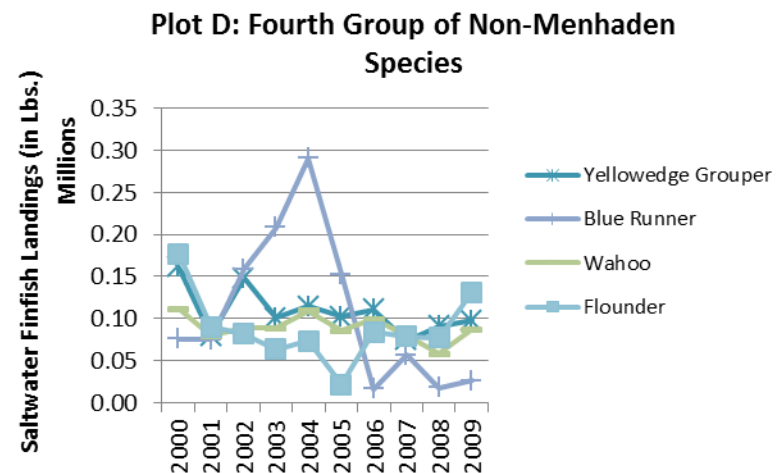
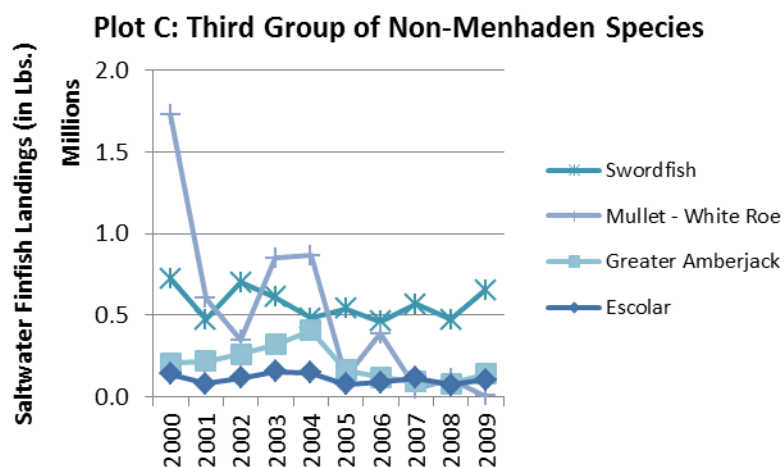
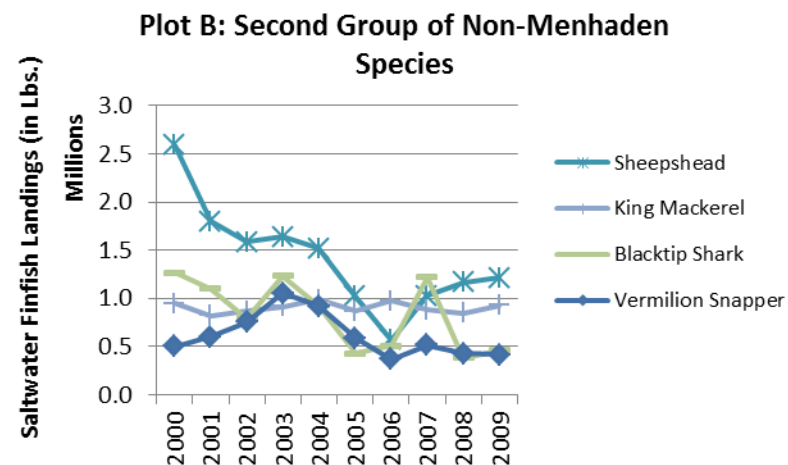
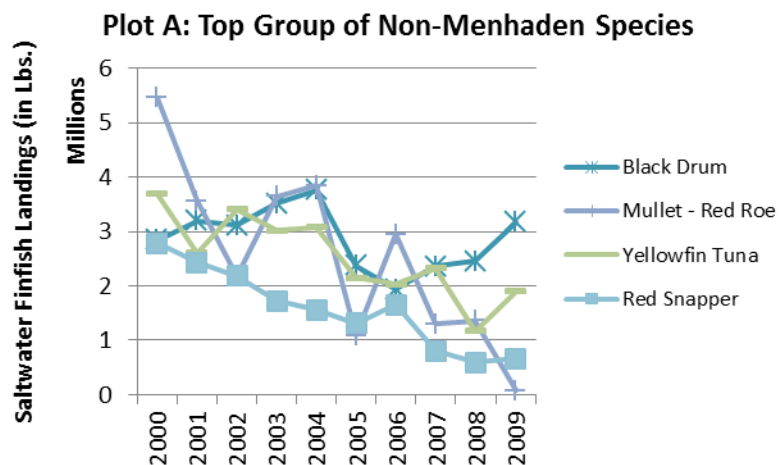
Source: Appendix Tables F.1, which also contains the average real dockside price and real dockside value of menhaden.

Figure 2.23 Landings, Average Dockside Price and Value of Menhaden, 2000 – 2009

2.3.1.2 Landings, Dockside Prices and Values of Non-Menhaden Saltwater Finfish Species

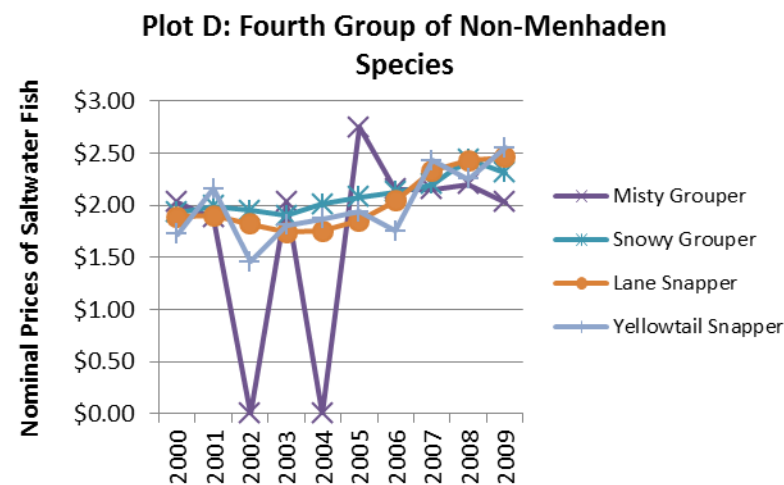
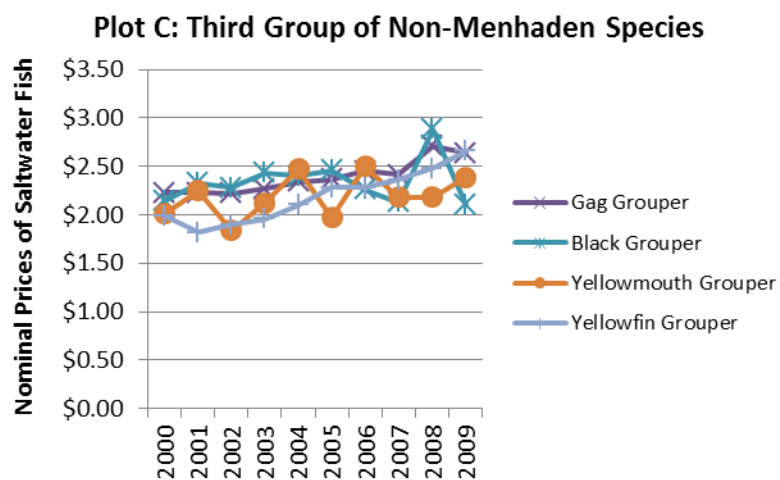
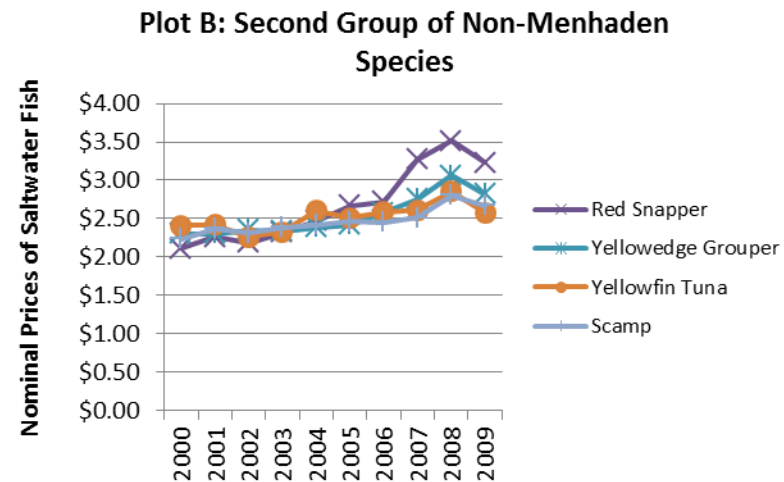
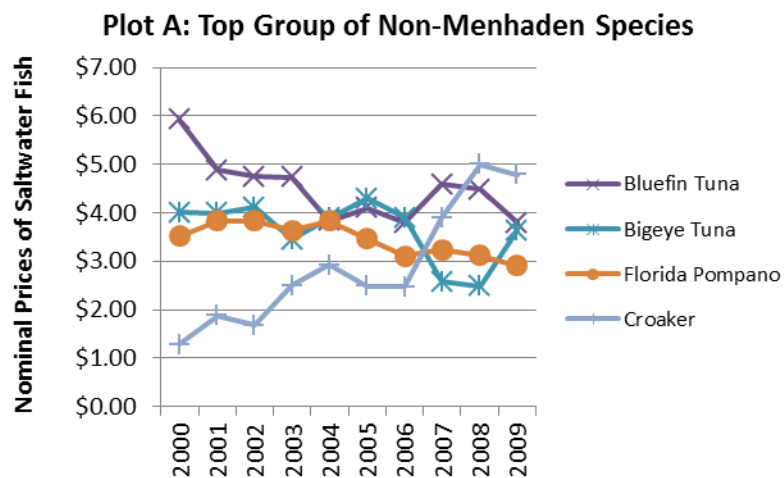
The volume of the major non-menhaden saltwater finfish landed in Louisiana in the period between 2000 and 2009, are shown in Figure 2.24, Plots A to D. The plots show that landings of all major saltwater finfish have generally declined for most of the period. Specifically, Plot A shows that the top four non-menhaden saltwater finfish species with their average volume of landings were black drum (2.9 million pounds), red roe mullet (2.6 million pounds), yellowfin tuna (2.5 million pounds) and red snapper (1.6 million pounds). The distribution of the pounds of landings varied between 1.9 million pounds in 2006 and 3.8 million pounds in 2004 for black drum, between 73.9 thousand pounds (2009) and 5.5 million pounds (2000) for red roe mullet, between 1.2 million pounds (2008) and 3.7 million pounds (2000) for yellowfin tuna, and between 0.6 million pounds (2008) and 2.8 million pounds (2000) for red snapper. However, the landings of black drum have risen recently and gradually approaching its pre-2005 period. Other important species are shown in Plots B to D.

The average nominal dockside prices per pound of non-menhaden saltwater finfish species are shown in Figure 2.25. Plot A shows that bluefin and bigeye tunas as well as Florida pompano and croaker sold for highest prices than the rest shown in Plots B to D. Precisely, the average nominal prices per pound ranged from \$3.79 in 2006 to \$5.92 in 2000 for Bluefin tuna, from \$2.49 (2008) to \$4.30 (2005) for bigeye tuna, from \$2.91 (2009) to \$3.83 (2001, 2002 and 2004) for African pompano and from \$1.28 (2000) to \$5.00 (2008) for croaker. Interestingly, the average nominal price of croaker showed the most rapid increase from year 2000 to overtake all other species in 2008. Almost every other species in all plots has experienced a modest growth in its nominal dockside price throughout the 2000-2009 period except for the top two species (bluefin and bigeye tunas).



Source: Appendix Tables F.2.

Figure 2.24 Landings of Non-Menhaden Saltwater Finfish by Species, 2000 – 2009



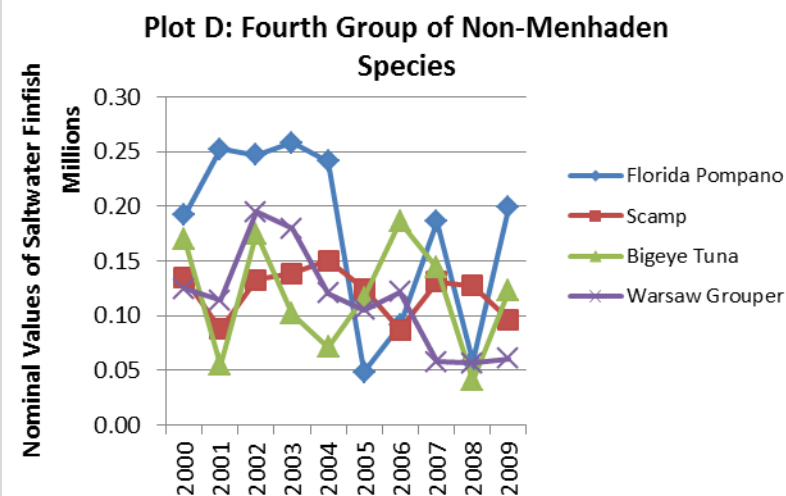
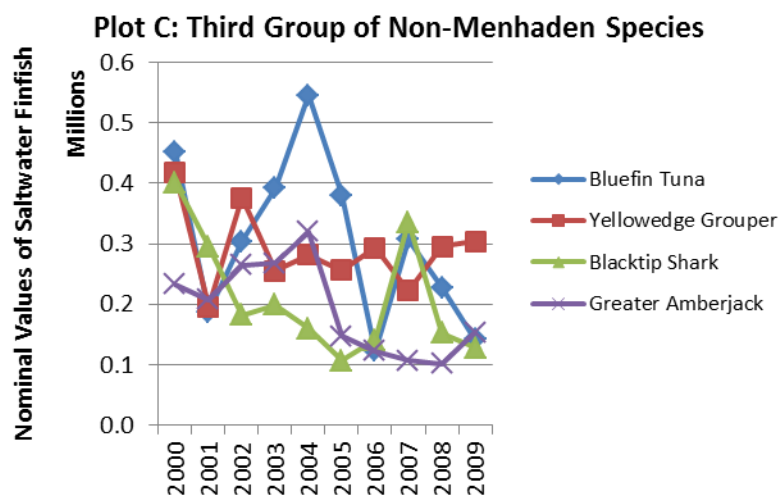
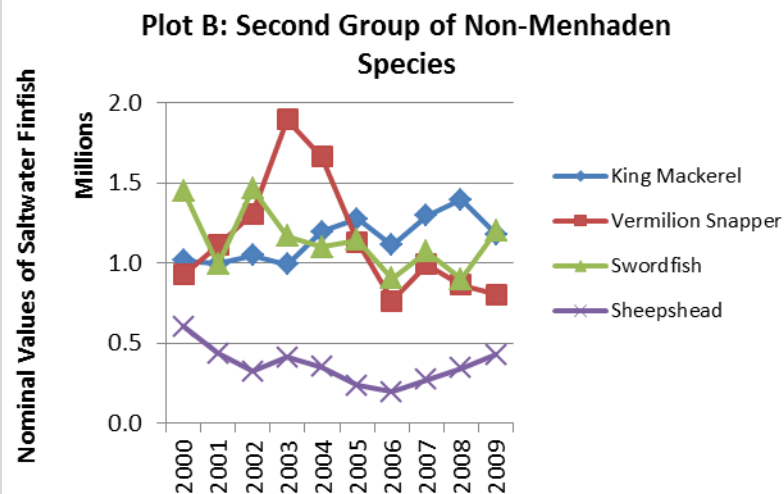
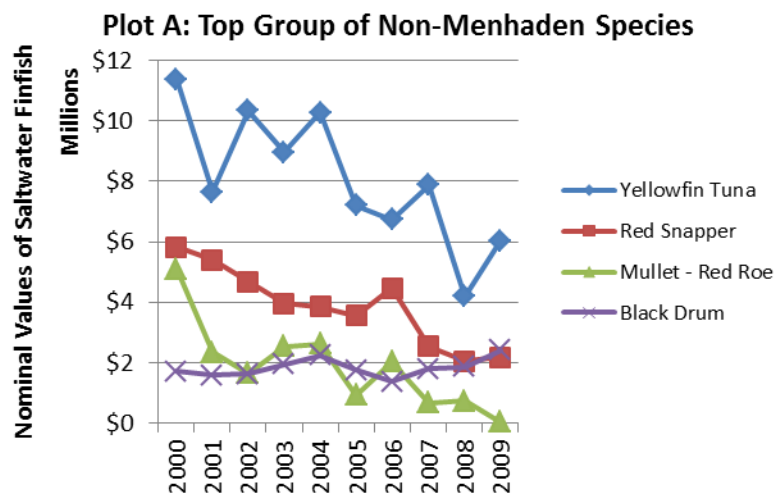
Source: Appendix Tables F.3. See appendix Figure F.1 for the average real dockside prices of non-menhaden saltwater finfish by species.

Figure 2.25 Average Nominal Dockside Prices of Non-Menhaden Saltwater Finfish by Species, 2000 – 2009

Figure 2.26 shows the nominal values of major non-menhaden saltwater finfish species from 2000 through 2009. Plot A shows the top four species, with yellowfin tuna leading the group with the largest nominal value of landings, which ranged from \$4.2 million in 2008 to \$11.4 million in 2000, followed by red snapper with a nominal value fluctuating between \$2.1 million (2008) and \$5.8 million (2000). Next were red roe mullet whose nominal dockside value declined from \$5.1 million in 2000 to only \$33,840 in 2009 and black drum with a relatively constant nominal dockside value, which averaged \$1.8 million. The nominal dockside values of other non-menhaden saltwater finfish species are shown in Plots B to D. Interestingly, the average nominal dockside prices of black drum and red roe mullet were too low to prevent their appearance in the previous Figure 2.25. Nevertheless, their appearance among the top four species with the largest nominal dockside values was because of their large volume of landings.

2.3.2 Saltwater Finfish Landings, Dockside Prices and Values by LDWF Trip Ticket Basin and NMFS Grid

Similar to the section on freshwater finfish, for every fishing trip, individual fishermen are required to report on the trip ticket forms the fishing area from where the majority of seafood harvest was caught, regardless of the components of the seafood landed. The fishing areas might fall into Louisiana water basins or federal water grids. Louisiana basins consist of fresh-, brackish (coastal) or saltwater areas, while the federal grids consist of saltwater areas only. This section presents the volumes, average dockside prices and dockside values of finfish component of the seafood types, which were reportedly landed from the saltwater areas within Louisiana basins and the federal grids.



Source: Appendix Tables F.5. See appendix Figure F.2 for the real dockside values of non-menhaden saltwater fish by species.

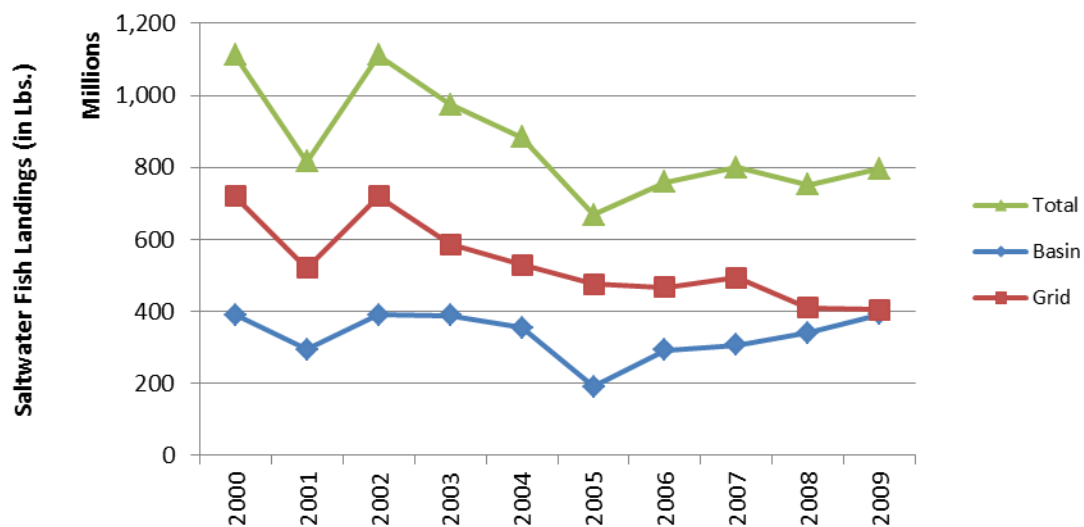
Figure 2.26 Nominal Dockside Values of Non-Menhaden Saltwater Finfish by Species, 2000 – 2009

2.3.2.1 Saltwater Finfish Landings by Basin and Grid

Figure 2.27, Figure 2.28 and Figure 2.29 show the volume of saltwater finfish landed by fishing areas where the majority of seafood was harvested from 2000 through 2009. Specifically, Figure 2.27 shows the volume of saltwater finfish harvested from the basins (state waters) as well as from the federal grids (federal waters). In every year during the 2000-2009 period, the majority (61.3 percent or 533.0 million pounds) of saltwater finfish was harvested in federal waters. The volume of saltwater finfish harvested from federal waters reached a minimum of 404.2 million pounds (50.8 percent of total saltwater finfish harvest) in 2009 and a maximum of 720.8 million pounds (64.9 percent of total saltwater finfish harvest) in 2000.

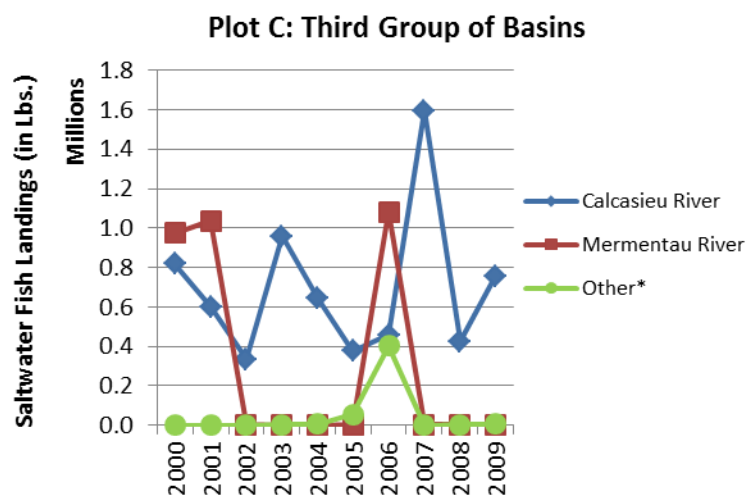
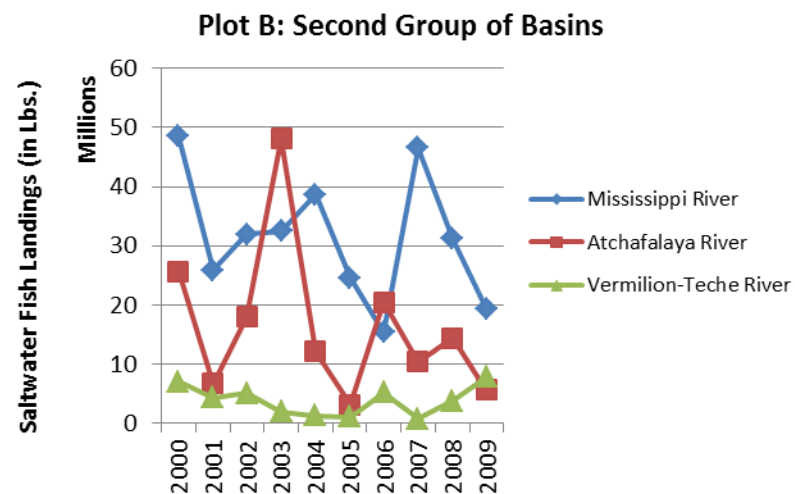
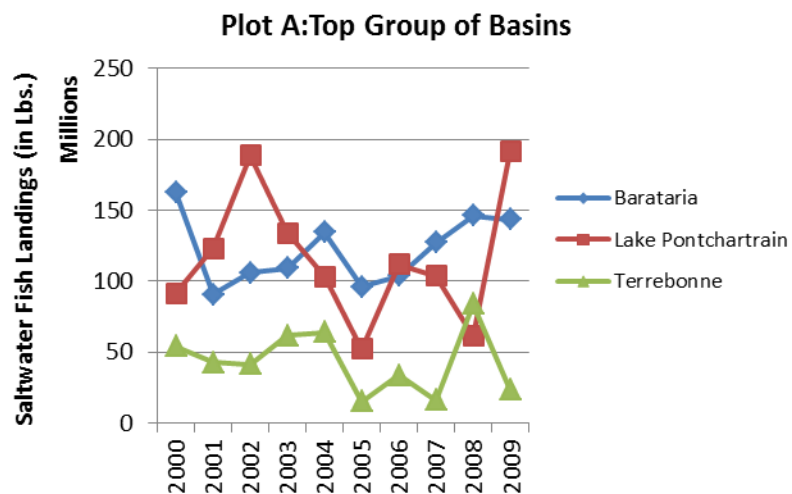
The volume of saltwater finfish harvested from the state water basins averaged 334.4 million pounds (38.7 percent) during the 2000-2009 period. The minimum volume of saltwater finfish from the state waters throughout the period was 192.1 million pounds (2005) and the maximum volume was 392.3 million pounds (2009).

Figure 2.28, Plots A to C, shows a breakdown of the volume of finfish harvested from the Louisiana basin saltwater areas. The top three basins, with the annual average pounds of saltwater finfish attributed to their waters, were Barataria (121.9 million), Lake Pontchartrain (116.2 million), and Terrebonne (43.6 million). The volume of saltwater finfish harvested from the Barataria Basin varied from a minimum of 90.8 million (2001) to a maximum of 162.3 million pounds (2000) of saltwater finfish, while the volume from the Lake Pontchartrain Basin fluctuated between 52.0 million pounds (2005) and 191.7 million pounds (2009). The minimum volume (15.0 million pounds) of saltwater finfish harvested from the Terrebonne Basin occurred in 2005, while the maximum volume of 83.7 million pounds occurred in 2008. The average volume of saltwater finfish harvested was 31.4 million pounds for Mississippi River Basin, 16.5



Source: Appendix Tables F.7.

Figure 2.27 Shares of Saltwater Finfish Landings by Fishing Area, 2000 – 2009



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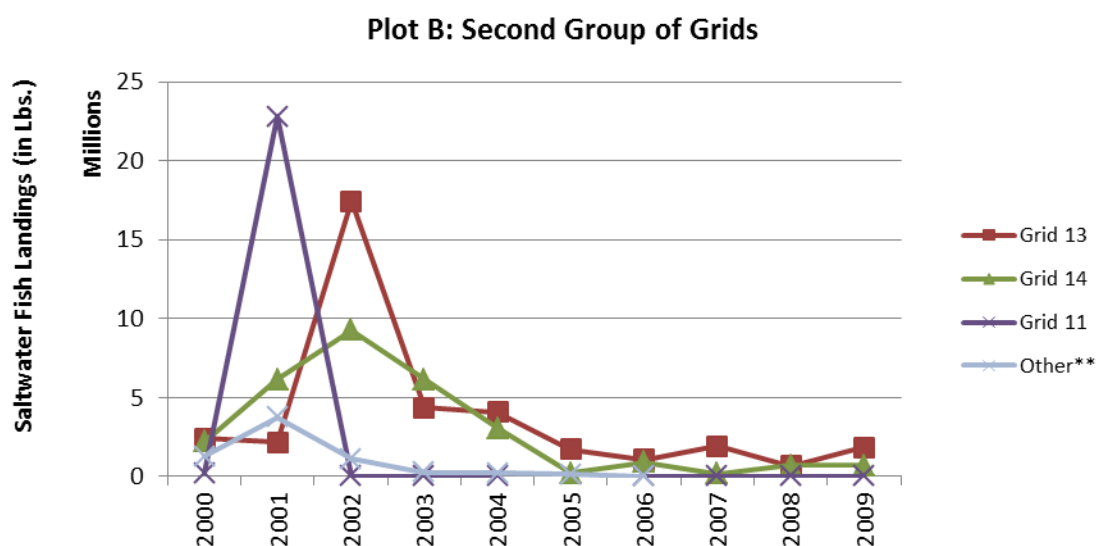
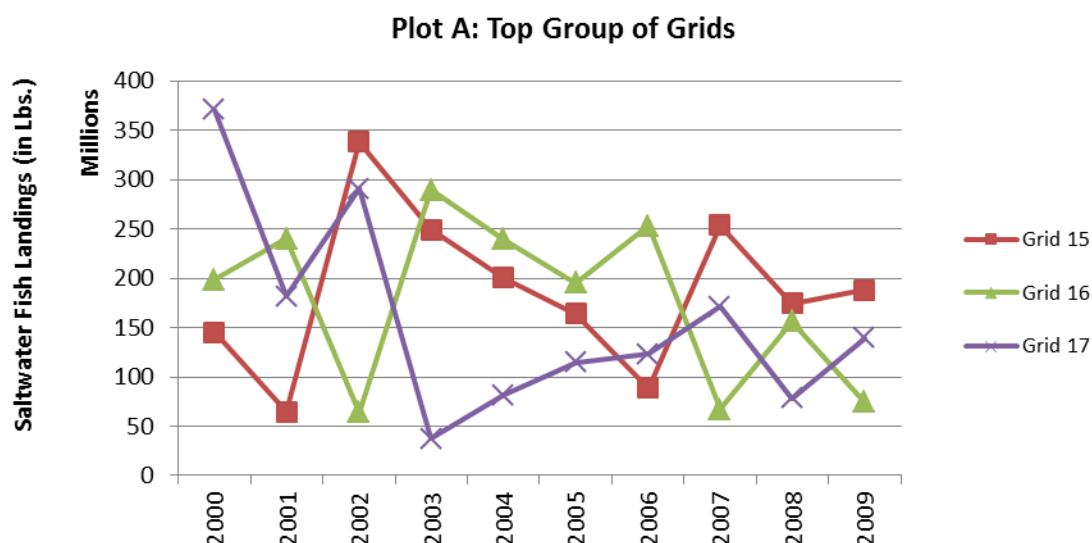
Source: Appendix Tables F.7. **Note:** "Other*" includes Red, Sabine, Ouachita and Pearl River Basins.

Figure 2.28 Saltwater Finfish Landings by LDWF Trip Ticket Basin, 2000 – 2009

million pounds for the Atchafalaya River Basin and 3.8 million pounds for the Vermilion-Teche River Basin (Plot B). The average volume harvested from each of the remaining state water basins was less than one million pounds (Plot C).

Figure 2.29, Plots A and B, shows a breakdown of the volume of finfish harvested from the grids in federal saltwater areas. In terms of the volume of saltwater finfish harvests, the top three grids were Grids 15, Grid 16 and Grid 17. The volume of saltwater finfish harvested from Grid 15 averaged 186.6 million pounds with a minimum of 64.8 million pounds in 2001 and a maximum of 253.6 million pounds in 2007. For Grid 16, the period average volume was 177.7 million pounds, the minimum volume was 63.8 million pounds in 2002 and the maximum volume was 289.2 million pounds in 2003. The volume of saltwater finfish harvested from Grid 17 ranged from a low of 37.4 million pounds in 2003 to a high of 370.8 million pounds in 2000 with an annual average of 158.9 million pounds.

Of interest are the fluctuating patterns displayed by these top grids. For example, Grids 15 and 17 shows similar patterns and trends in the amount of saltwater finfish harvested from their waters every year, while Grids 15 and 17 trended individually in an opposite direction to Grid 16 for most years. That is, when the Grid 15 finfish harvest was high, finfish harvest for Grid 17 was also high but low for Grid 16. The remaining amount of finfish harvested from grids other than the above top three grids are shown in Plot B, which averaged 3.8 million (Grid 13) or less.



Source: Appendix Tables F.7. **Note:** “Other**” includes Grids 5, 7, 10, 12, 18, 19, 20 and 21.

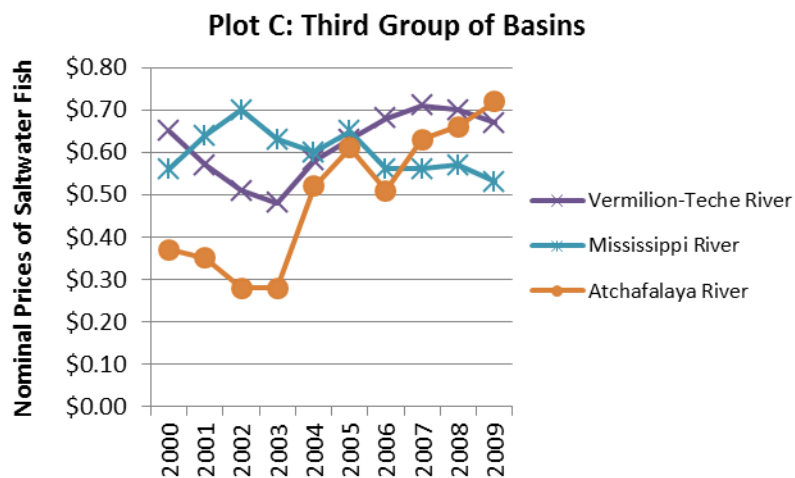
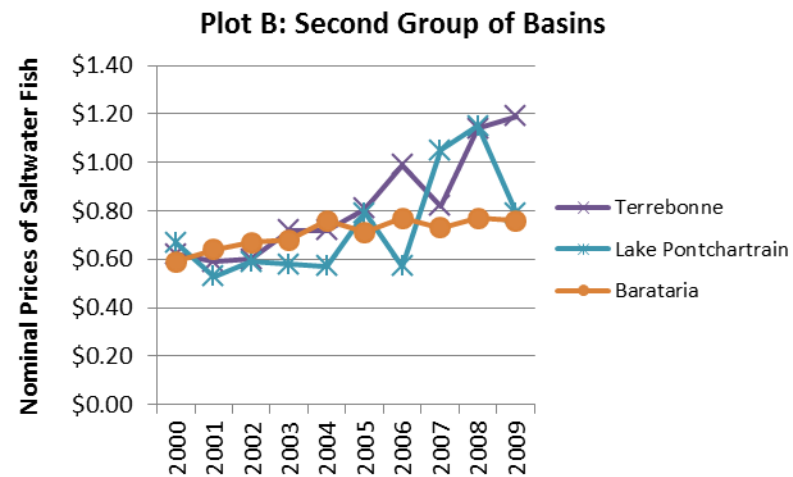
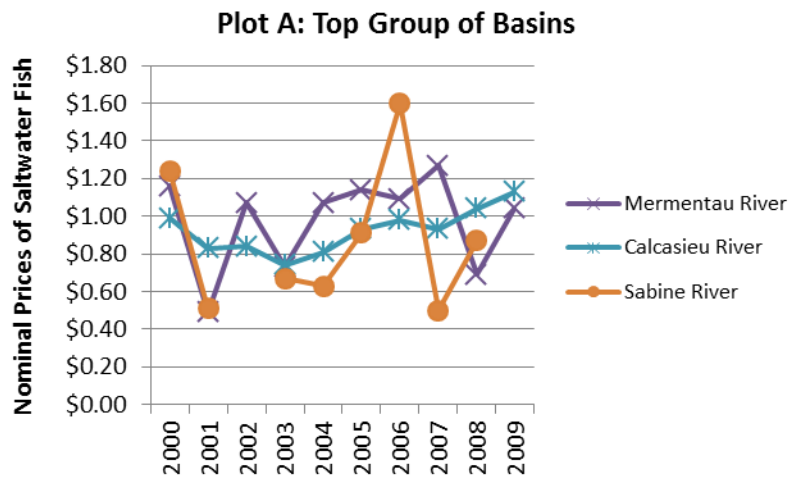
Figure 2.29 Saltwater Finfish Landings by NMFS Grid, 2000 – 2009

2.3.2.2 Saltwater Finfish Dockside Prices by Basin and Grid

The average nominal dockside prices of finfish reportedly harvested from saltwater areas of the Louisiana water basins and federal water grids are shown Figure 2.30 and Figure 2.31, respectively. For the Louisiana water basins (Figure 2.30), Plot A shows that the saltwater finfish harvested from the Mermentau River Basin commanded the highest average price per pound (\$0.98), which fluctuated between \$0.49 in 2001 and \$1.27 in 2007. Following was the average nominal dockside price per pound of finfish harvested from the Calcasieu River Basin averaged \$0.92 during the period with a minimum of \$0.74 in 2003 and a maximum of \$1.13 in 2009. At the third position was Sabine River Basin, where a meager amount of (period average of only 8,080 pounds) of saltwater finfish was harvested (Appendix Table F.7). The period average dockside price of saltwater finfish harvested from Sabine River Basin was \$0.87 per pound, with a minimum of \$0.50 per pound (2007) and a maximum of \$1.60 per pound (2006). However, no finfish landings were reported for Sabine River Basin in 2002 and 2009.

Almost all basins appear to have seen an increase in the average nominal prices of saltwater finfish harvested from their waters. In particular, saltwater finfish harvested from Atchafalaya River Basin showed the largest increase of 1.57 percent from \$0.28 per pound in 2003 to \$0.72 per pound in 2009 (Plot C).

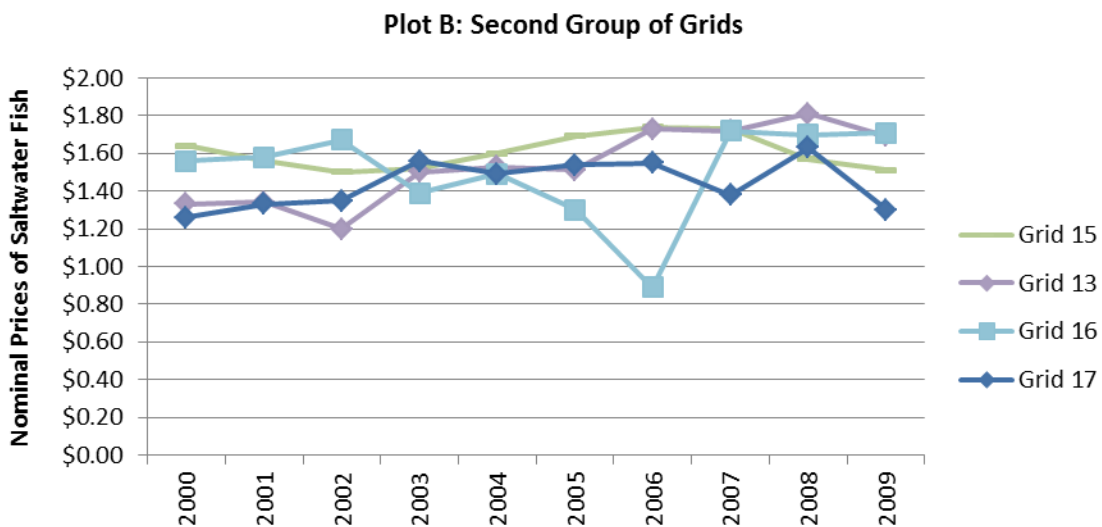
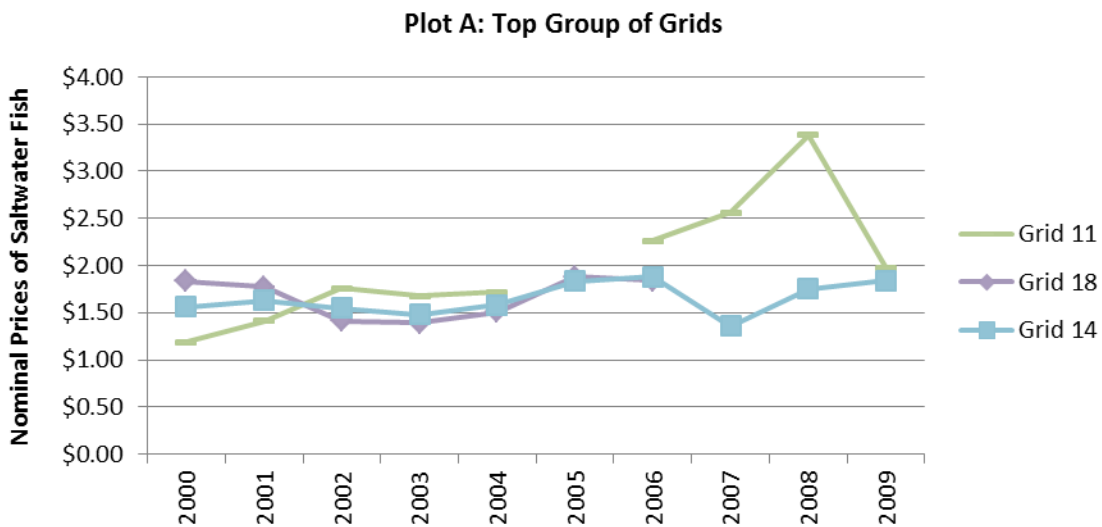
Among the federal grids (Figure 2.31), Plot A indicates that meager volume of saltwater finfish harvested from water bodies in Grid 11, 14 and 18 (Appendix Table F.7) sold for the highest average nominal dockside prices. Specifically, the average price per pound of saltwater finfish averaged \$1.99 per pound with a minimum of \$1.19 (2000) and a maximum of \$3.38 (2008) for Grid 11. The average price of saltwater finfish averaged \$1.66 per pound for Grid 18 and ranged between \$1.39 (2003) and \$1.88 (2005). For Grid 14, the period average was \$1.65



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Source: Appendix Tables F.8. See appendix Figure F.3 for the average real dockside prices of saltwater finfish by basin.

Figure 2.30 Average Nominal Dockside Prices of Saltwater Finfish by LDWF Trip Ticket Basin, 2000 – 2009



Source: Appendix Tables F.8. See appendix Figure F.4 for the average real dockside prices of saltwater finfish by grid.

Figure 2.31 Average Nominal Dockside Prices of Saltwater Finfish by NMFS Grid, 2000 – 2009

per pound, the minimum was \$1.36 (2007) and the maximum was \$1.88 (2006). Other grids in Plot B (Grids 15, 13, 16 and 17), where the majority of saltwater finfish were harvested, commanded a lower annual average nominal dockside prices of \$1.61 per pound, \$1.54 per pound, \$1.50 per pound and \$1.44 per pound, respectively.

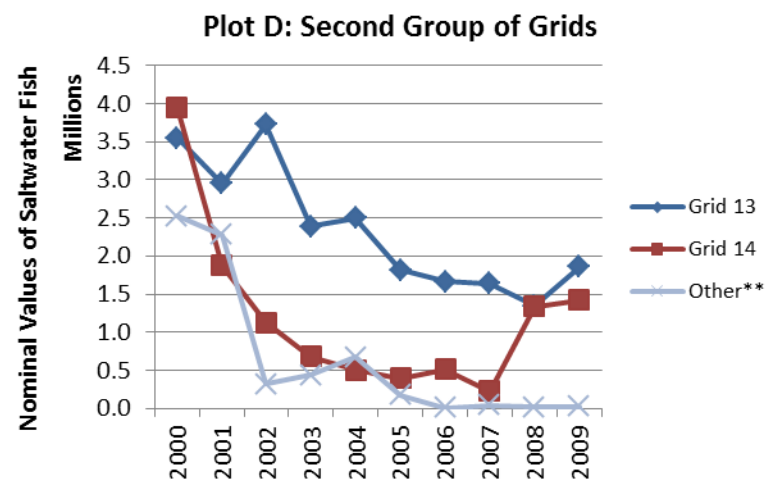
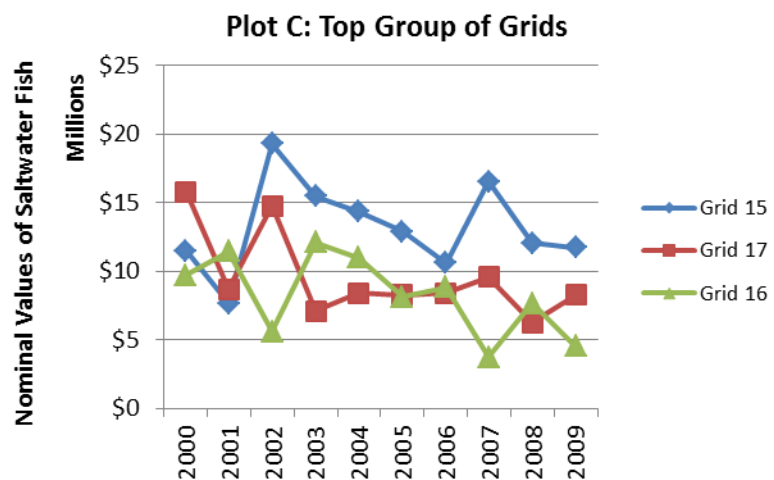
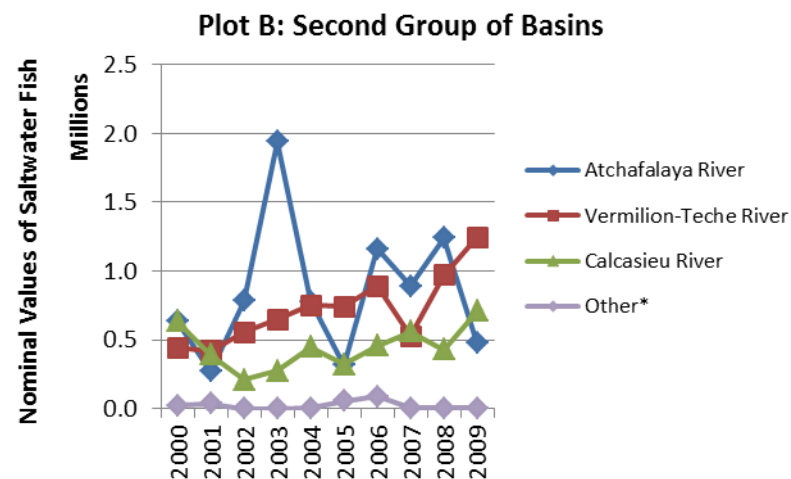
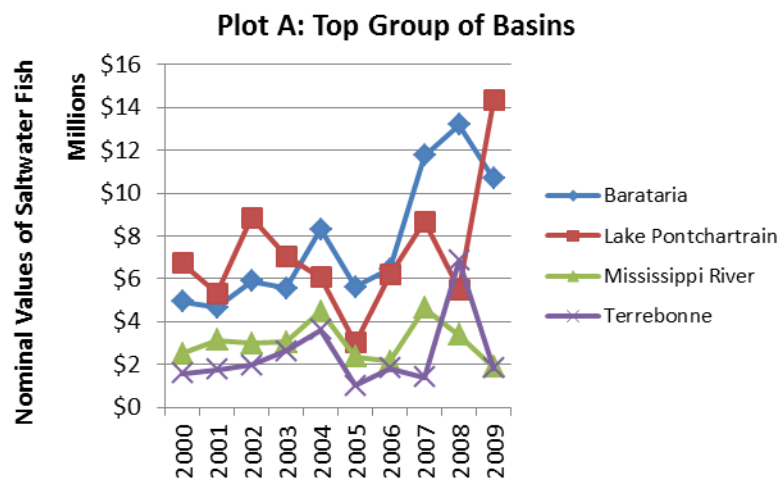
2.3.2.3 Saltwater Finfish Dockside Values by Basin and Grid

The nominal dockside values of finfish fishermen harvested from saltwater areas of Louisiana State water basins and the federal water grids are shown in Figure 2.32, Plots A to D. Plots A and B show that the volume of saltwater finfish landed by state water basin, while Plots C and D show saltwater finfish landed by federal water grid.

The Barataria and Lake Pontchartrain Basins made a clear lead in the total worth of finfish harvested from their waters, followed by the Mississippi River and Terrebonne Basins. The nominal values of saltwater finfish harvested from the basins ranged from \$4.7 million in 2001 to \$13.2 million in 2008 for Barataria, from \$3.0 million (2005) to \$14.3 million (2009) for Lake Pontchartrain, from \$1.9 million (2009) to \$4.6 million (2007) for Mississippi River and from \$1.0 million (2005) to \$6.9 million (2008) for Terrebonne.

Saltwater finfish associated with seafood caught from the Atchafalaya River, Vermilion-Teche River, and Calcasieu River Basins were relatively low for they averaged, annually, \$0.9 million, \$0.7 million, and \$0.4 million, respectively. Other basins (the Red River, Mermentau River, Sabine River, Ouachita River and Pearl River Basins) were collectively responsible for less than \$38,000 worth of saltwater finfish harvested annually.

For the federal grids portion of saltwater finfish landings, Plot C shows Grids 15, 17 and 16 in the top position in relation to the nominal dockside values of finfish, followed by Grids 13 and 14 with relatively low values of saltwater finfish. The nominal dockside values of saltwater



Source: Appendix Tables F.10. See appendix Figure F.5 for the real dockside values of saltwater finfish by basin and grid. "Other*" includes Red, Mermentau, Sabine, Ouachita and Pearl River Basins, while "Other**" includes Grids 5, 7, 10, 11, 12, 18, 19, 20 and 21.

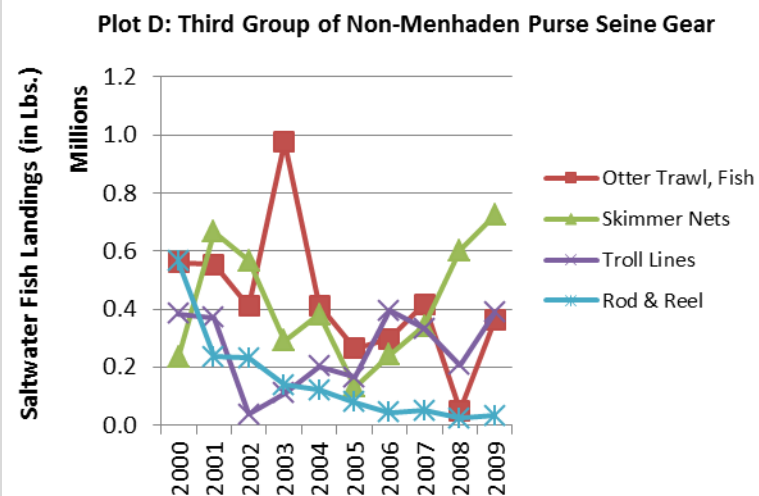
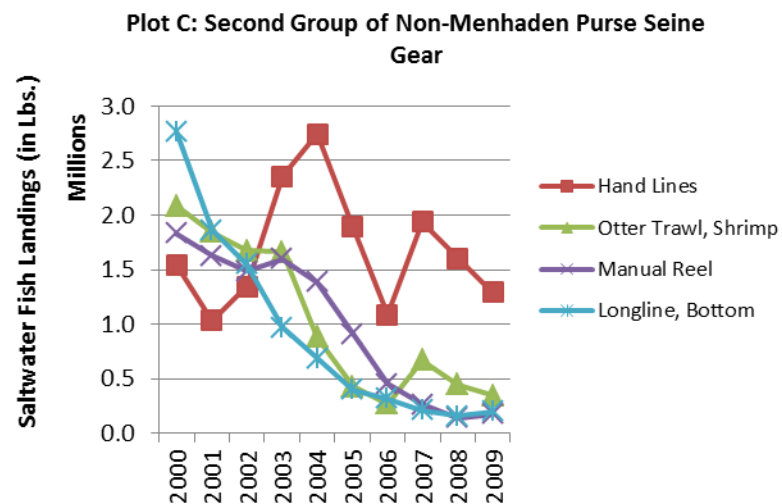
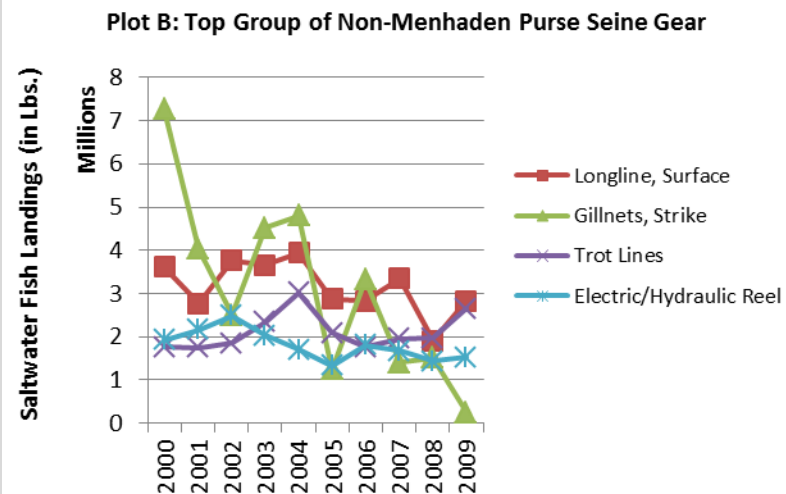
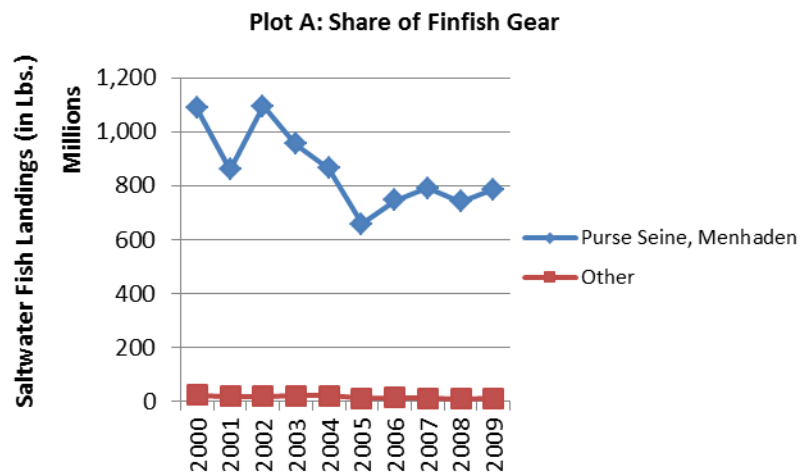
Figure 2.32 Nominal Dockside Values of Saltwater Finfish by LDWF Trip Ticket Basin and NMFS Grid, 2000 – 2009

finfish harvested from federal grids fluctuated between \$7.7 million in 2001 and \$19.3 million in 2002 for Grid 15, between \$6.3 million in 2008 and \$15.8 million in 2000 for Grid 17 and between \$3.7 million in 2007 and \$12.1 million in 2003 for Grid 16. Grid 13 contributed between \$1.4 million (2008) and \$3.7 million (2002) worth of saltwater finfish, while Grid 14 contributed between \$0.2 million (2007) and \$3.9 million (2000).

2.3.3 Saltwater Finfish Landings and Dockside Values by Gear

The type of gear used by the fishermen who landed and sold saltwater finfish was examined for the volume of finfish they reportedly landed and sold in the period between 2000 and 2009. Figure 2.33 presents some important fishing gear together with the pounds of saltwater finfish they were used to harvest. In Plot A, the majority of saltwater finfish landings, (between 658 million and 1.1 billion pounds in any given year), were harvested using menhaden purse seine. The rest (between 10 and 25 million pounds in any given year) were harvested using other types of gear.

The volume of saltwater finfish landings, which were harvested by all gear other than the menhaden purse seine, are presented in Plots B, C and D. The more common type of gear was surface longlines, which were used to harvest an annual average of 3.2 million pounds of saltwater finfish in the 2000-2009 period. Following surface longlines were strike gillnets (with an average saltwater finfish harvest of 3.1 million pounds), trot lines (with an average of 2.1 million pounds per year), and electric or hydraulic reels used to harvest an average of 1.8 pounds of saltwater finfish per year. The use of some gear to harvest saltwater finfish (strike gillnets, shrimp trawls and bottom longlines) has decreased persistently since 2000. Only skimmer net (Plot D) showed a persistent increase in the volume of saltwater finfish harvested from 2005 (130.9 thousand pounds) to 2009 (722.8 thousand pounds).



Source: Appendix Tables F.12.

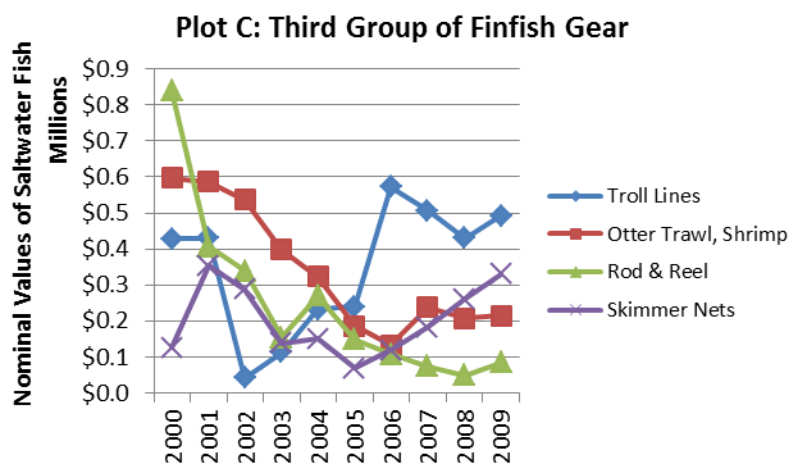
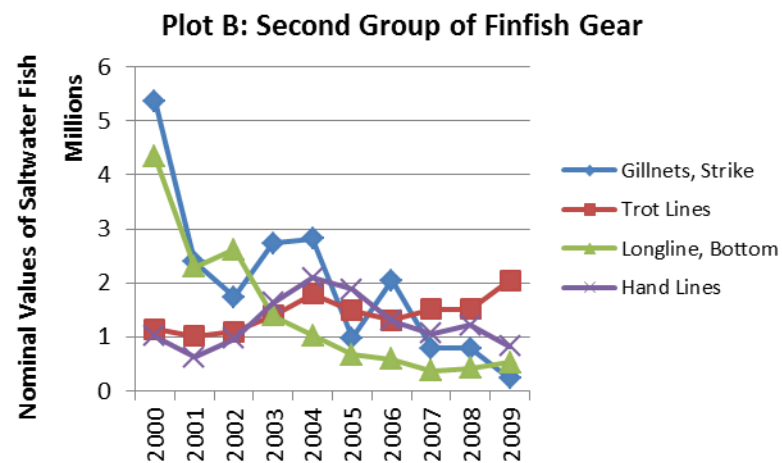
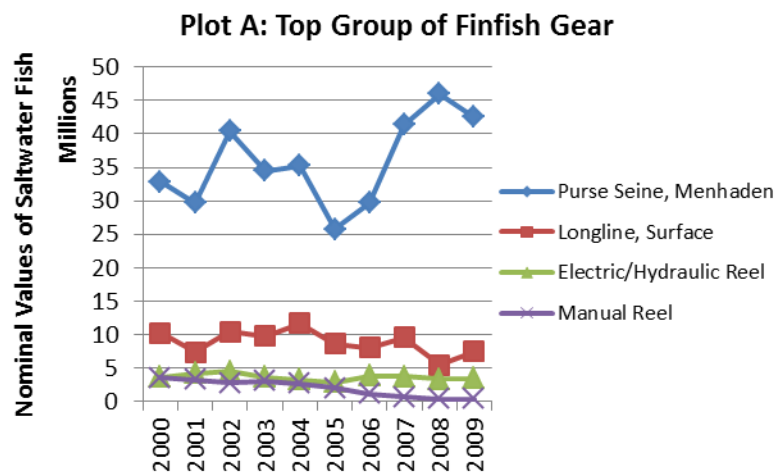
Figure 2.33 Landings of Saltwater Finfish by Gear, 2000 – 2009

Figure 2.34 shows the annual nominal dockside values of saltwater finfish associated with different types of gear. The nominal dockside value of saltwater finfish harvested by the menhaden purse seines accounted for a majority (61.8 percent or an average of \$35.8 million) of the total dockside value of all saltwater finfish in any given year throughout the 2000-2009 period. The dockside value of saltwater finfish harvested using menhaden purse seines ranged from \$25.8 million in 2005 to \$46.0 in 2008. At a distant second was surface longline with an average nominal dockside value of saltwater finfish harvest of \$8.9 million, a minimum of \$5.5 million (2008) and a maximum of \$11.7 million (2004). The nominal dockside values of saltwater finfish harvested with electric or hydraulic reels and manual reels averaged \$3.7 million and \$2.0 million, respectively. Troll lines appears to have experienced the largest growth in the value of saltwater finfish harvested between 2002 and 2006, though its contribution has remained under \$0.6 million in any given year throughout the 2000-2009 period.

2.3.4 Saltwater Finfish Landings, Dockside Prices and Values by Landing Condition

This section describes saltwater finfish landings, average prices and values by conditions in which they were landed at the Louisiana docks in the period between 2000 and 2009. Finfish may be landed whole (round or heads on), gutted, headed (or heads off), tailed, filleted or in combination of two or more of these conditions. A tubed finfish are finfish that are gutted, headed and tailed. Fishermen modify finfish prior to landing, perhaps, to preserve their freshness and quality for higher prices.

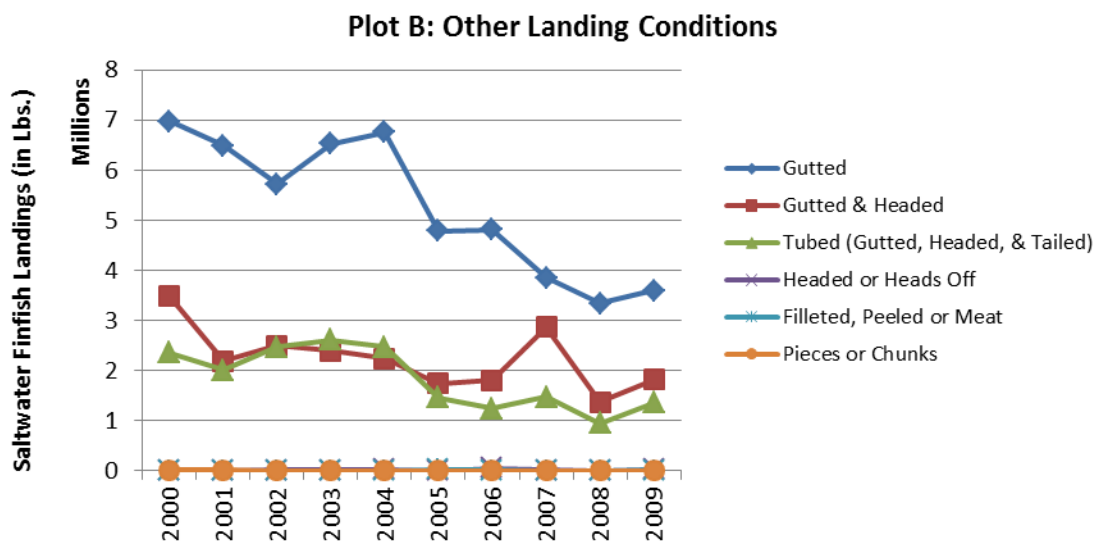
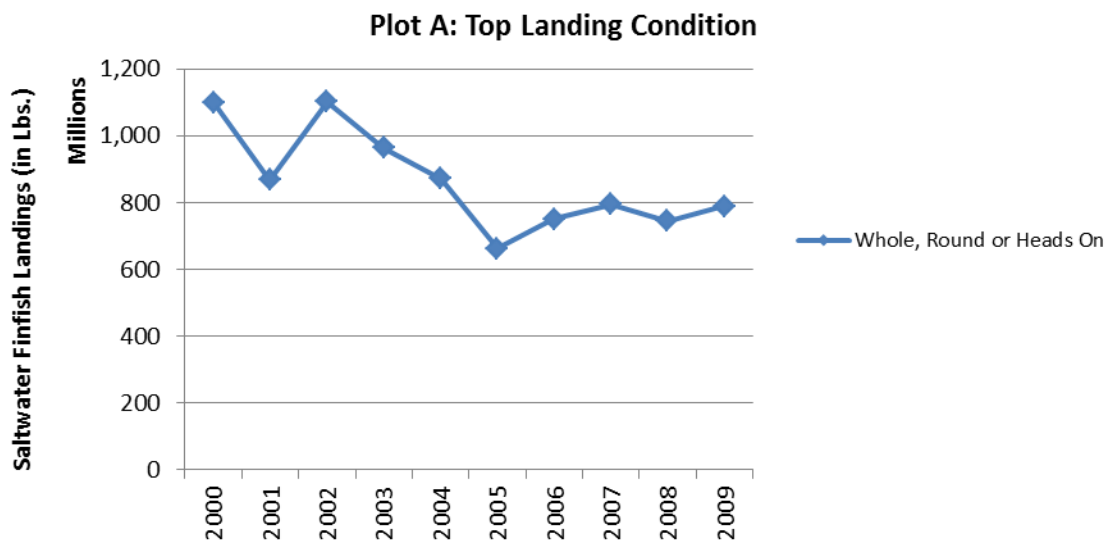
Figure 2.35, Plot A shows that the majority (an average of 864.6 million pounds representing approximately 98.9 percent) of the saltwater finfish which fishermen landed at the Louisiana docks in the 2000-2009 period was landed whole (round or heads on). Most of the rest (between 7.0 million pound in 2000 and 3.3 million pounds in 2008) were landed as a gutted



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Source: Appendix Tables F.13. See appendix Figure F.6 for the real dockside values of saltwater finfish (including menhaden) by gear.

Figure 2.34 Nominal Dockside Values of Saltwater Finfish by Gear, 2000 – 2009



Note: See Appendix Table F.15.

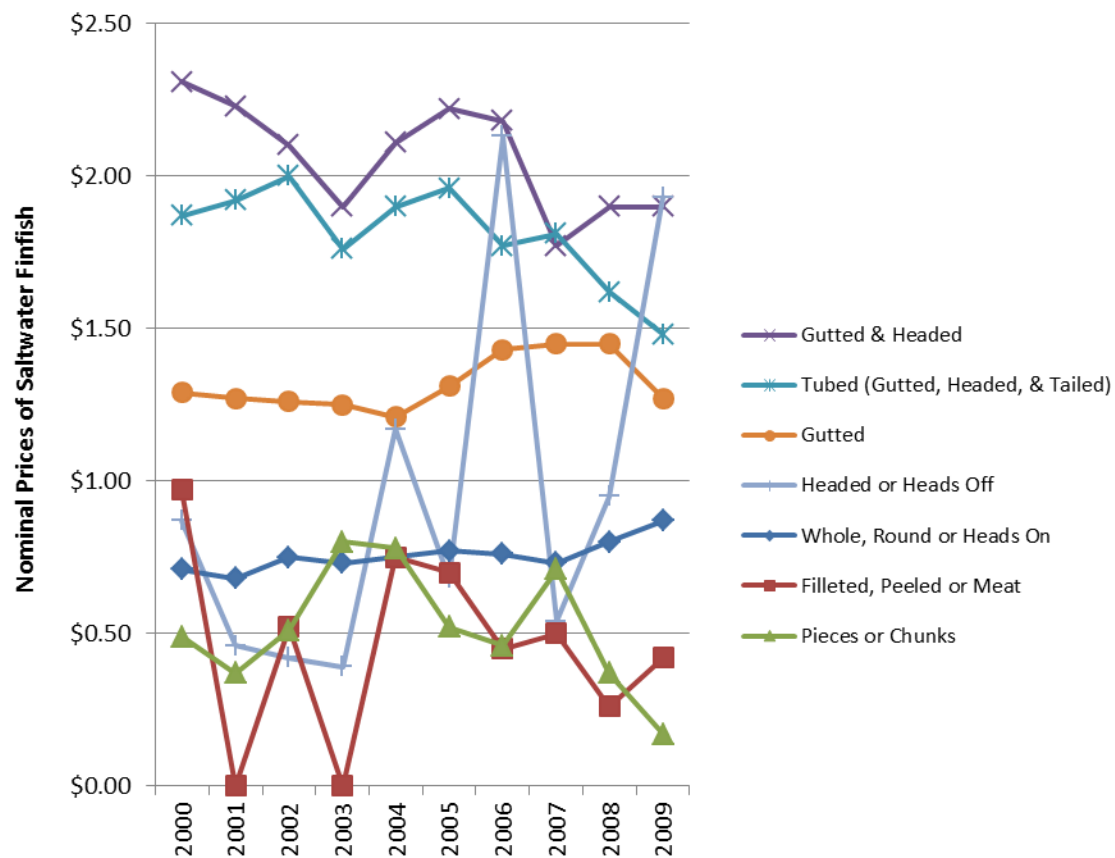
Figure 2.35 Landings of Saltwater Finfish by Landing Condition, 2000 - 2009

finfish (Plot B), followed by finfish, which were gutted and headed (averaged 2.2 million pounds) or tubed (averaged 1.8 million pounds).

Figure 2.36 shows the average nominal dockside prices of saltwater finfish by landing condition from 2000 through 2009. Saltwater finfish landed with a combination of conditions associated with removing delicate parts prior to landing (i.e., gutted and headed, tubed or simply gutted) clearly commanded higher nominal prices when compared to the finfish that were landed whole (round or heads on). While the average nominal price per pound of saltwater finfish landed in the whole condition was \$0.76 per pound, the average nominal dockside price per pound was \$2.06 for gutted and headed saltwater finfish, \$1.81 for tubed saltwater finfish, and \$1.32 per pound for gutted saltwater finfish. The average nominal dockside prices ranged from \$1.77 in 2007 to \$2.31 in 2000 for gutted and headed saltwater finfish, from \$1.48 in 2009 to \$2.00 in 2002 for tubed finfish and from \$1.21 in 2004 and \$1.45 in 2007 or 2008 for gutted saltwater finfish. The average nominal prices of filleted saltwater finfish or saltwater finfish landed in pieces or chunks were below the average nominal price of whole saltwater finfish.

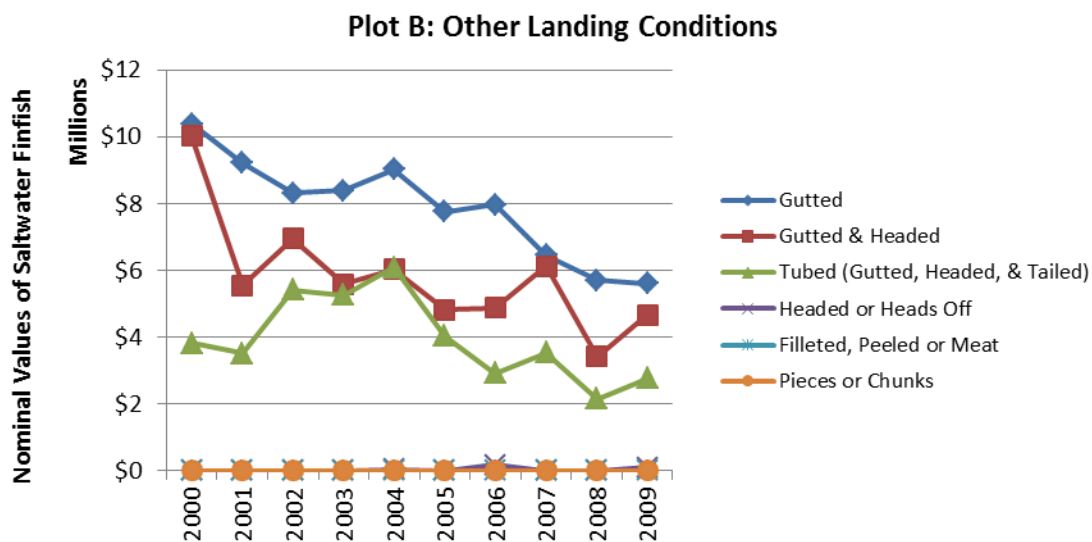
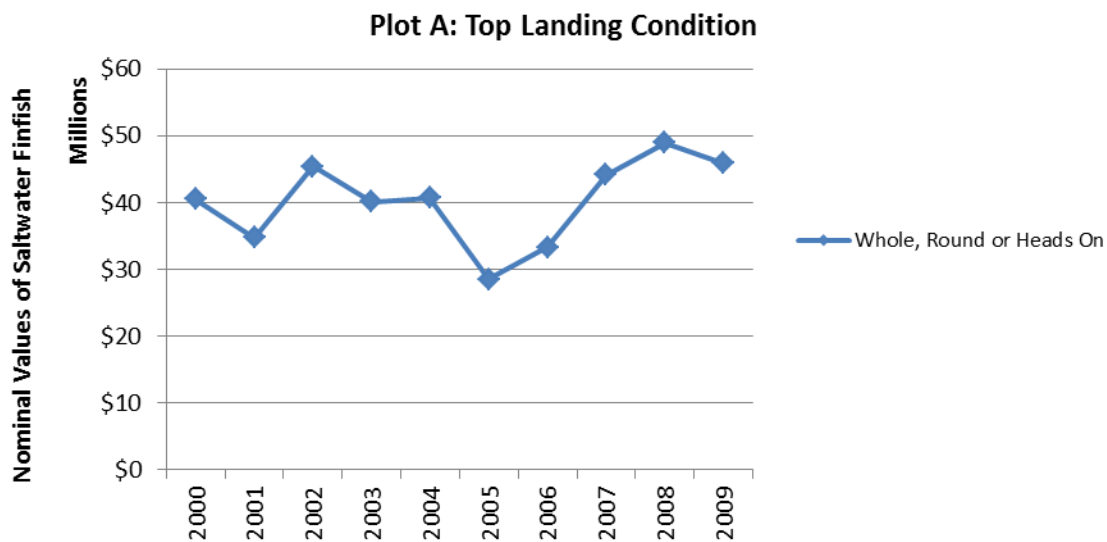
Figure 2.37, Plot A shows that saltwater finfish, which were landed intact (whole, round or heads on) contributed the largest annual nominal values of between \$28.5 million in 2005 and \$48.9 million in 2008, representing over two-thirds (an average of 69.5 percent) of the total nominal value of saltwater finfish. This large contribution can be attributed to the large volume of whole finfish landed rather than its price.

Saltwater finfish that were landed in some modified condition (especially gutted, tubed, or gutted and headed finfish) accounted for significant portions of the nominal dockside value of saltwater finfish landed in Louisiana (Plot B). The nominal dockside values ranged from \$5.6 million in 2009 to \$10.4 million in 2000 for gutted finfish, from \$3.4 million in 2008 to \$10.0



Note: See Appendix Table F.16. See Appendix Figure F.7 for the average real dockside prices of saltwater finfish by landing condition.

Figure 2.36 Average Nominal Dockside Prices of Saltwater Finfish by Landing Condition, 2000 - 2009



Note: See Appendix Table F.17. See Appendix Figure F.8 for the real dockside values of saltwater finfish by landing condition.

Figure 2.37 Nominal Dockside Values of Saltwater Finfish by Landing Condition, 2000 - 2009

million in 2000 for gutted and headed saltwater finfish, and from \$2.2 million in 2008 to \$6.1 million in 2004 for tubed saltwater finfish.

2.3.5 Saltwater Finfish Landings and Values by Landing Unit

This section describes saltwater finfish landings and values by the units in which they were landed at the Louisiana docks. Finfish can be landed in pounds, individuals (or by the head), tons, thousands of standard fish (used for menhaden), etc.

On average, Table 2.2 shows that an average of 856.5 million pounds of saltwater finfish landed in Louisiana (representing approximately 98.0 percent), was measured in thousands of standard fish. However, this portion of finfish accounted for only 61.7 percent (averaged \$35.8 million) of the total nominal value of saltwater finfish, followed by 38.1 percent (averaged \$22.0 million), which was measured in pounds.

Table 2.2 Landings and Values of Saltwater Finfish by Landing Unit, 2000 - 2009

	Landings of Saltwater Finfish (in Pounds)											
Landing Unit	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average	Percent
Thousands of Standard Fish	1,073,462,275	859,919,406	1,093,996,770	953,713,510	862,942,245	657,684,395	746,492,560	789,591,650	741,182,140	785,574,598	856,455,955	98.0%
Pounds	24,566,459	18,875,903	17,824,802	20,734,292	20,119,826	11,691,678	12,830,759	12,565,167	9,945,467	10,677,974	15,983,233	1.8%
Tons	13,439,400	.	.	.	.	.	.	.	.	.	13,439,400	1.5%
Individuals or By the Head	367,219	152,091	254,158	120,587	235,617	188,057	94,501	134,731	184,224	205,598	193,678	0.0%
Total	1,111,835,353	878,947,400	1,112,075,730	974,568,390	883,297,688	669,564,130	759,417,820	802,291,548	751,311,831	796,458,170	873,976,806	100.0%
	Nominal Dockside Values of Finfish (in \$)											
Landing Unit	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average	Percent
Thousands of Standard Fish	32,217,209	29,726,679	40,377,753	34,464,422	35,248,174	25,769,038	29,781,058	41,364,483	45,960,488	42,554,989	35,746,429	61.7%
Pounds	31,800,563	23,243,495	25,664,990	24,878,407	26,566,773	19,328,176	19,460,546	18,860,561	14,182,319	16,347,175	22,033,301	38.1%
Tons	647,310	.	.	.	.	.	.	.	.	.	647,310	1.1%
Individuals or By the Head	63,503	30,635	46,197	32,337	45,906	42,631	37,211	68,444	53,291	82,297	50,245	0.1%
Total	64,728,585	53,000,810	66,088,940	59,375,166	61,860,853	45,139,845	49,278,815	60,293,488	60,196,099	58,984,461	57,894,706	100.0%
	Real Dockside Values of Finfish (in 2005 Dollar)											
Landing Unit	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average	Percent
Thousands of Standard Fish	36,199,111	32,666,680	43,888,862	36,664,279	36,338,323	25,769,038	28,913,649	39,023,097	42,165,586	38,686,354	36,031,498	61.2%
Pounds	35,730,969	25,542,302	27,896,729	26,466,390	27,388,426	19,328,176	18,893,734	17,792,982	13,011,302	14,861,068	22,691,208	38.6%
Tons	727,314	.	.	.	.	.	.	.	.	.	727,314	1.2%
Individuals or By the Head	71,352	33,665	50,214	34,401	47,325	42,631	36,127	64,570	48,891	74,815	50,399	0.1%
Total	72,728,747	58,242,648	71,835,805	63,165,070	63,774,075	45,139,845	47,843,510	56,880,649	55,225,778	53,622,237	58,845,836	100.0%

Note: The dots means no landings or values were reported. The average and the percent columns do not consider the dots.

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Chapter 3 - Finfish Landings and Dockside Values per Effort

This chapter presents information on finfish landings and dockside values of landings per unit of effort in the period between 2000 and 2009. Indicator on effort considered here is the number of fishermen who reported a positive amount (pounds) of finfish. Measures per type of fishing gear can be found in relevant sections in Chapter 2. Including effort indicators such as the number and length of fishing trips as well as the number and foot length of fishing vessels would result in double counting since fishermen usually land more than one species at a time at the dock. These indicators are therefore excluded.

The dockside values of finfish were presented both in nominal (actual) and real terms. The real values of finfish were derived from the nominal values using the GDP deflator expressed in 2005 dollar.

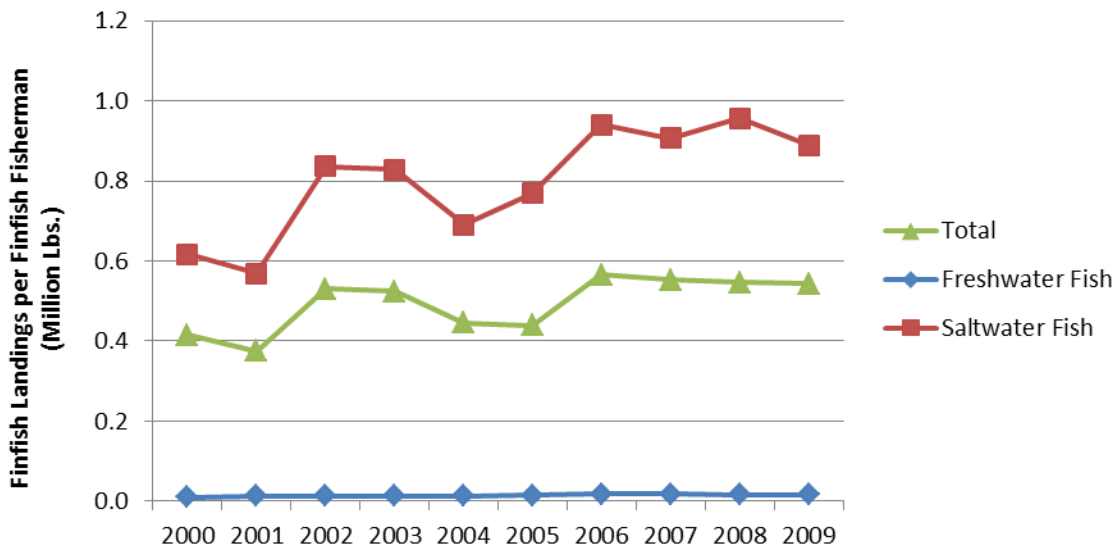
The chapter is divided into three sections. Section 3.1 presents information on the total landings and dockside values per effort. Section 3.1 is further disaggregated by finfish species type. Hence, Section 3.2 presents information on measures per effort associated with freshwater finfish, while measures per effort associated with saltwater finfish are presented in Section 3.3.

3.1 All Finfish

This section presents the average volume and dockside values of finfish landed per fisherman (finfish fisherman) who reported a landing of at least a pound of finfish from 2000 through 2009. The volume of finfish landings per fisherman was calculated by dividing the annual total of finfish by the number of commercial fishermen who landed at least a pound of finfish in a particular year.

3.1.1 Finfish Landings per Fisherman

Figure 3.1 shows the average volume of landings of finfish landed per fisherman by type of finfish species. For the 2000-2009 period, the annual average volume of finfish per finfish fisherman ranged from 375,513 pounds in 2001 and 564,936 pounds in 2006. On finfish species type, the annual average volume of saltwater finfish landed per saltwater finfish fisherman fluctuated between 569,266 pounds in 2001 and 955,867 pounds in 2008. The volume of freshwater finfish landed per freshwater finfish fisherman varied between a low of 10,343 pounds in 2000 and a high of 18,396 pounds in 2006. On an annual basis, the landings of all finfish per finfish fisherman, saltwater finfish per saltwater finfish fisherman and freshwater finfish per freshwater finfish fisherman averaged 482,174 pounds, 768,264 pounds and 14,302 pounds, respectively.



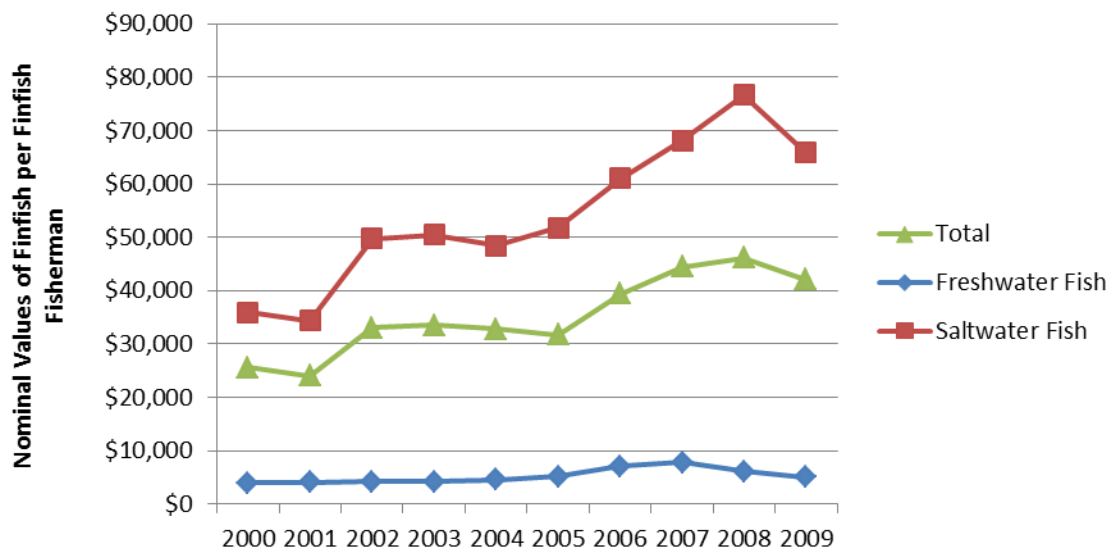
Source: Appendix Table G.1. **Note:** The average landings per finfish fisherman for a species type was calculated by dividing the landings of that species by the number of fishermen who reported that they harvested the species.

Figure 3.1 Average Finfish Landings per Finfish Fisherman by Species Type, 2000 – 2009

3.1.2 Dockside Values of Finfish per Fisherman

The average nominal dockside values of finfish landed per fisherman from 2000 through 2009 are shown in Figure 3.2. The average dockside value of finfish per finfish fisherman was computed by dividing the total annual dockside value of finfish by the number of commercial fishermen who landed at least one pound of finfish in a particular year. For the 2000-2009 period, the average annual nominal dockside value of all types of finfish was \$33,789 per finfish fisherman. The nominal dockside values per finfish fisherman ranged from \$24,070 in 2001 to \$46,173 in 2008 for all finfish.

The average annual nominal dockside value of saltwater finfish was \$50,892 per saltwater finfish fisherman with a minimum of \$34,327 in 2001 and a maximum of \$76,585 in 2008. For freshwater finfish, the average annual nominal dockside value was \$5,038 per freshwater finfish fisherman and ranged from \$3,959 in 2000 to \$7,806 in 2007.



Source: Appendix Table G.2. See Appendix Figure G.1 for average real values of finfish per fisher by species type. **Note:** The average value of a species per fisher was calculated by dividing the value by number of fishers who harvested the species.

Figure 3.2 Average Nominal Dockside Values of Finfish per Finfish Fisherman by Species Type, 2000 – 2009

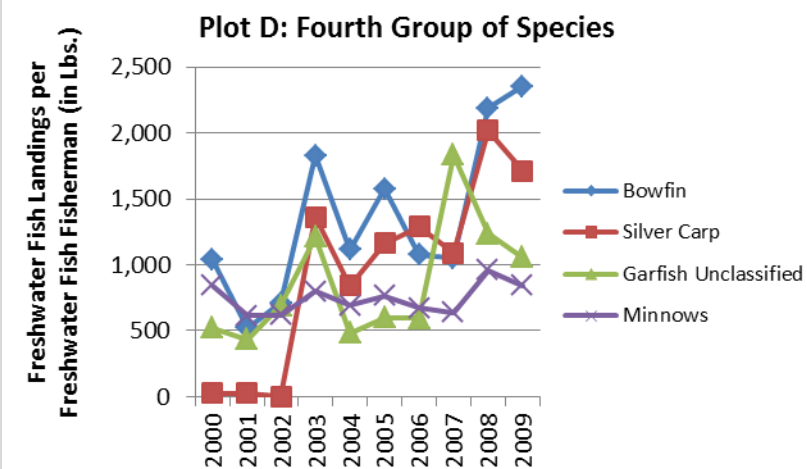
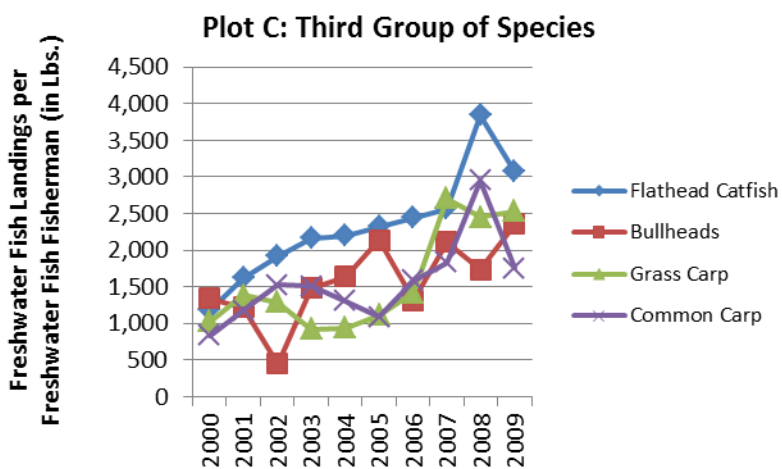
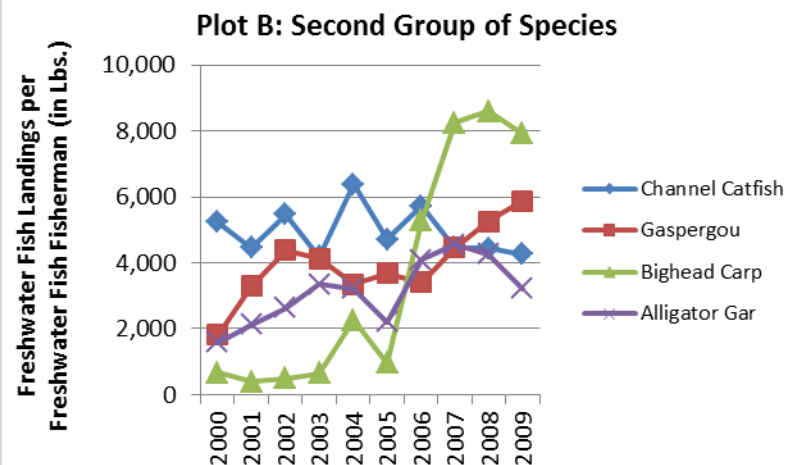
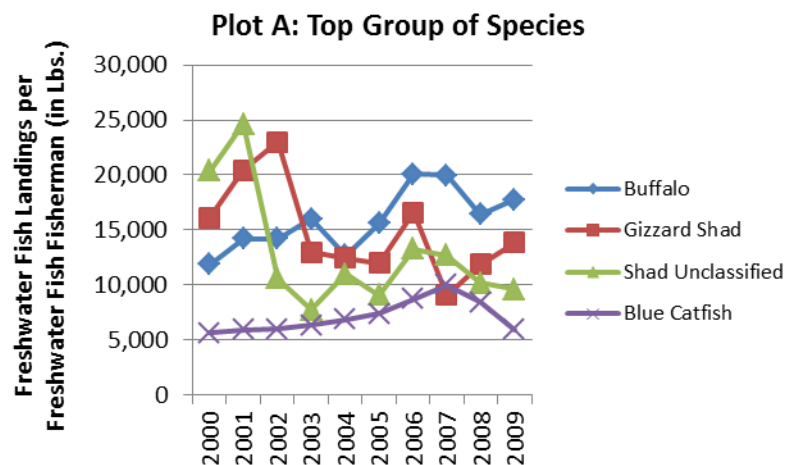
3.2 Freshwater Finfish

This section presents the average volume and dockside values of the species of freshwater finfish landed per finfish fisherman who reported a landing of at least a pound of a freshwater finfish species from 2000 through 2009.

3.2.1 Freshwater Finfish Landings per Fisherman

Figure 3.3 (Plots A to D) presents the average freshwater finfish landings per fisherman for the leading species during the 2000-2009 period. The top freshwater finfish species were buffalo, gizzard shad, unclassified shad and blue catfish. The annual average volume of buffalo landed per freshwater finfish fisherman was 15,880 pounds, while the gizzard shad, unclassified shad and blue catfish landings per freshwater finfish fisherman averaged 14,830 pounds, 12,902 pounds and 7,112 pounds, respectively.

Examining the trends shows that the volume of landings per freshwater finfish fisherman ranged between 11,868 pounds in 2000 and 20,098 pounds in 2006 for buffalo, between 9,061 pounds (2007) and 23,026 pounds (2002) for gizzard shad, between 7,737 pounds (2003) and 24,641 pounds (2001) for unclassified shad and between 5,632 pounds (2000) and 9,991 pounds (2007) for blue catfish. Other important freshwater finfish were channel catfish (also called eel cat, willow cat), gaspergou (freshwater drum), bighead carp, alligator gar whose annual landings per fisherman averaged 4,931 pounds, 3,964 pounds, 3,549 pounds and 3,120 pounds, respectively. Landings of all other freshwater finfish species individually averaged below 2,400 pounds per freshwater finfish fisherman annually.



Source: Appendix Table G.4. **Note:** The landings of a species per fisher was calculated by dividing the landings by the number of fishers who caught the species.

Figure 3.3 Average Landings of Freshwater Finfish per Freshwater Finfish Fisherman by Species, 2000 – 2009

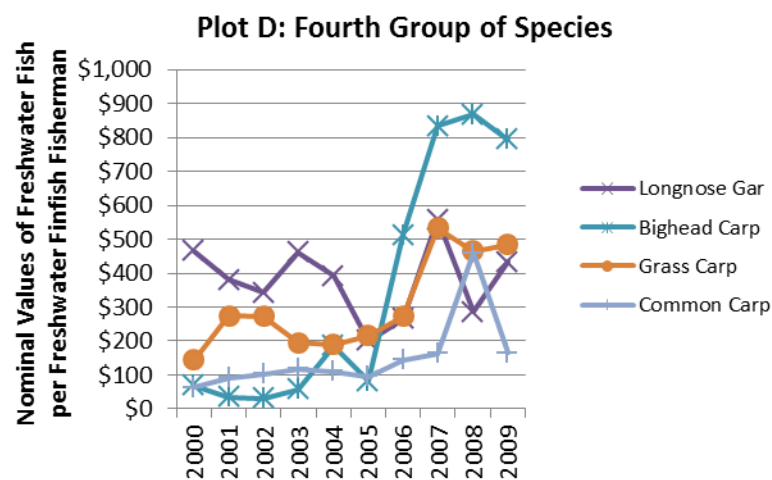
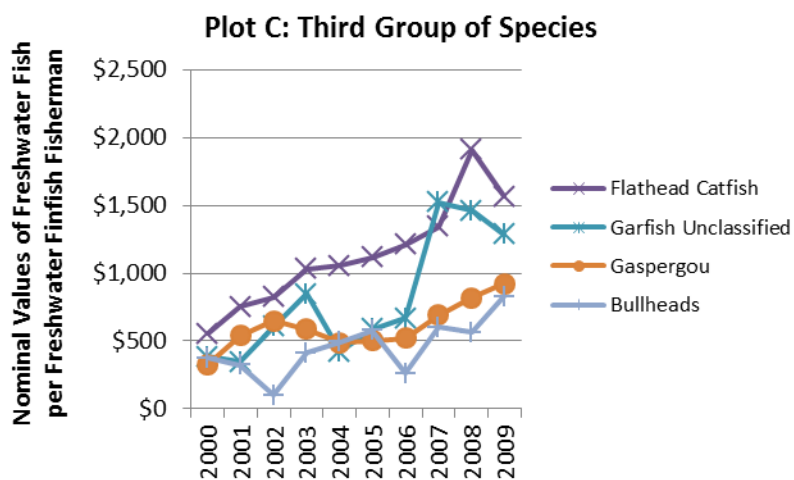
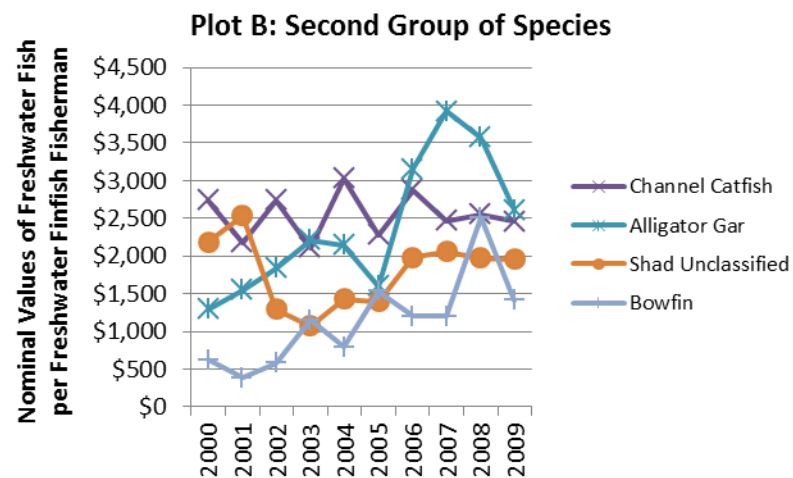
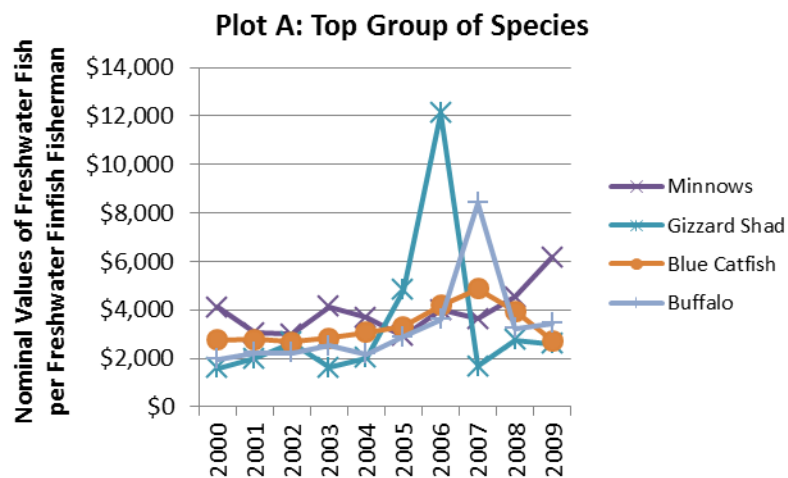
3.2.2 Dockside Values of Freshwater Finfish per Fisherman

Figure 3.4 (Plots A to D) shows the average nominal dockside values of individual species of freshwater finfish per freshwater finfish fisherman in the period between 2000 and 2009. In spite the huge outliers, which occurred in the annual observations of values per freshwater finfish fisherman for gizzard shad in 2005 and 2006 as well as for buffalo in 2007, minnows topped all freshwater finfish species in the average nominal value of its landings per freshwater finfish fisherman (\$3,924 annually), ranging from \$2,920 in 2005 to \$6,176 in 2009.

Next to minnows were gizzard shad, blue catfish and buffalo with their annual average nominal dockside values being \$3,385 per freshwater finfish fisherman, \$3,322 per freshwater finfish fisherman and \$3,270 per freshwater finfish fisherman respectively. In addition, the average dockside values per freshwater finfish fisherman fluctuated between \$1,591 in 2000 and \$12,108 in 2006 for gizzard shad, between \$2,720 (2009) and \$4,878 (2007) for blue catfish and between \$1,964 (2000) and \$8,414 (2007) for buffalo. Of importance were also channel catfish, alligator gar, unclassified shad, bowfin, flathead catfish whose annual values of landings per freshwater finfish fisherman averaged \$2,542, \$2,390, \$1,788, \$1,139 and \$1,136, respectively. The average nominal dockside values per freshwater finfish fisherman for all other species were individually below \$813.

3.3 Saltwater Finfish

This section presents the average volume and dockside values of saltwater related finfish species, which were landed per finfish fisherman who reported a landing of at least a pound of a saltwater finfish species from 2000 through 2009. In keeping with Section 2.3 of Chapter 2, menhaden information is presented separately because it constituted the major chunk (an annual



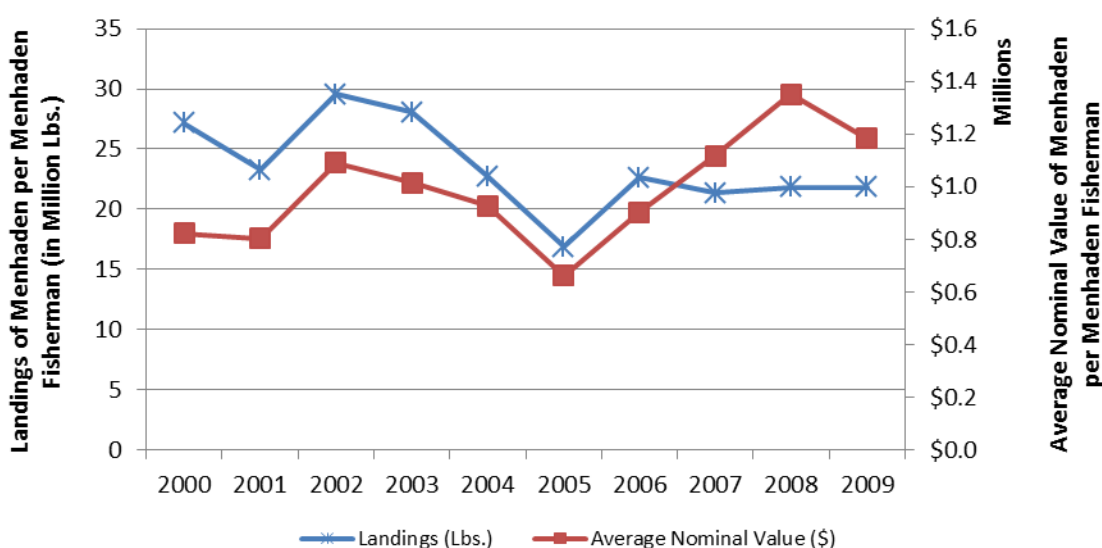
Source: Appendix Table G.5. See Appendix Figure G.2 for average real dockside values of freshwater finfish per fisherman by species.

Figure 3.4 Average Nominal Dockside Values of Freshwater Finfish per Freshwater Finfish Fisherman by Species, 2000 – 2009

average of 98.2 percent of landings and 61.8 percent of values) of the total saltwater finfish landed from 2000 to 2009.

3.3.1 Average Landings and Dockside Value of Menhaden per Fisherman

The average landings and average nominal dockside value of menhaden per saltwater finfish fisherman are shown in Figure 3.5. The minimum average volume (16.9 million pounds) and average nominal value (\$660,823) of menhaden landed per saltwater finfish fisherman occurred in 2005. The maximum average volume of menhaden landed per saltwater finfish fisherman occurred in 2002 (29.6 million pounds), while the maximum average value of menhaden per saltwater finfish fisherman occurred in 2008 (\$1.2 million). In addition, the amount of menhaden landed per saltwater finfish fisherman was relatively flat since 2006, while its value rapidly increased from 2005 to 2008.



Source: Appendix Table G.7, which also includes the real dockside value of menhaden.

Figure 3.5 Average Landings and Average Dockside Value of Menhaden per Menhaden Fisherman, 2000 – 2009

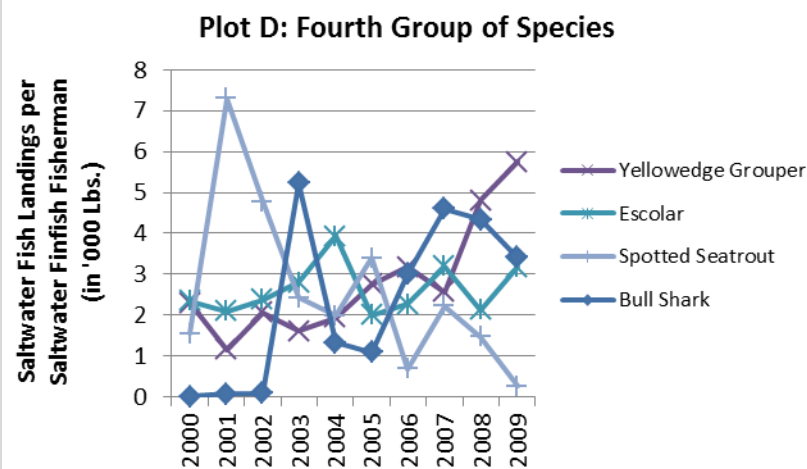
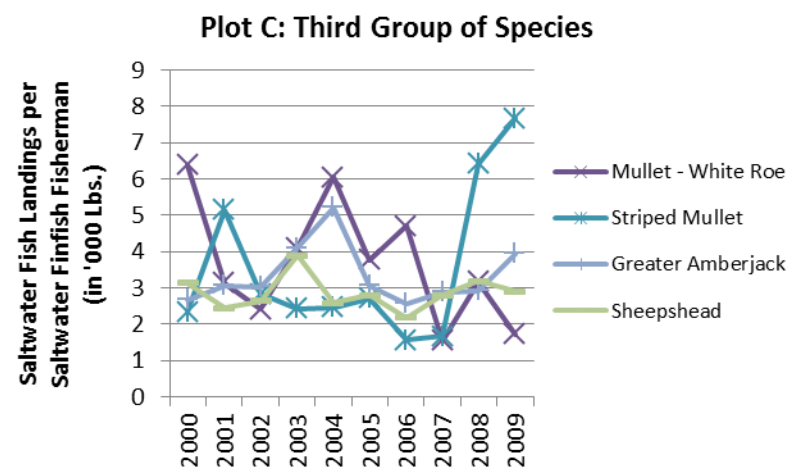
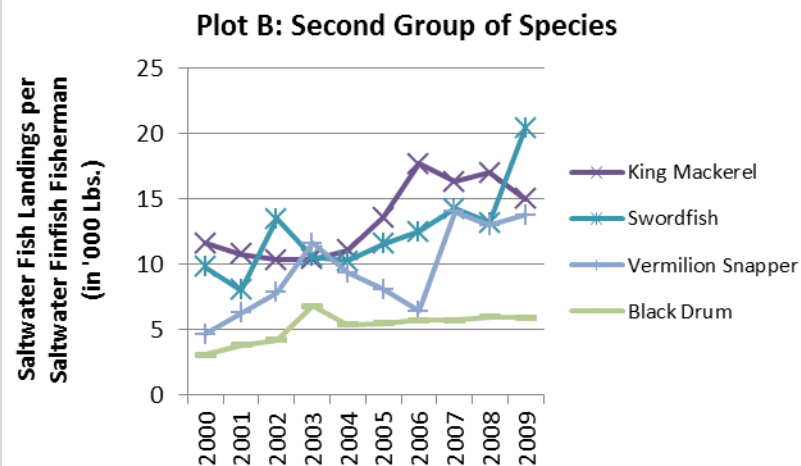
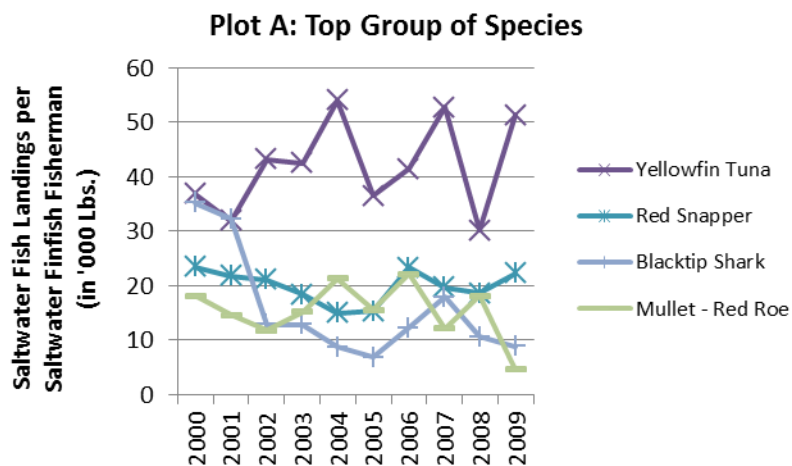
3.2.2 Average Landings and Dockside Values Non-Menhaden Saltwater Finfish per Fisherman

The average landings of saltwater finfish (without menhaden) per saltwater finfish fisherman by species are shown in Figure 3.6, while the average nominal dockside values per fisherman by species are shown in Figure 3.7.

In Figure 3.6, yellowfin tuna contributed the largest non-menhaden saltwater finfish landings per saltwater finfish fisherman with volumes, which averaged between 30,093 pounds in 2008 and 54,043 pounds in 2004. Next was red snapper with an average landing per saltwater finfish fisherman, which ranged from 15,002 pounds in 2004 to 23,394 pounds in 2000, followed by blacktip shark and red roe mullet whose landings per saltwater finfish fisherman ranged from 6,908 pounds (2005) to 35,164 pounds (2000) and from 4,619 pounds (2009) to 21,336 pounds (2004), respectively. Annually, the average landings per saltwater finfish fisherman were 42,062 pounds for yellowfin tuna, 19,874 pounds for red snapper, 15,850 pounds for blacktip shark and 15,394 pounds for red roe mullet.

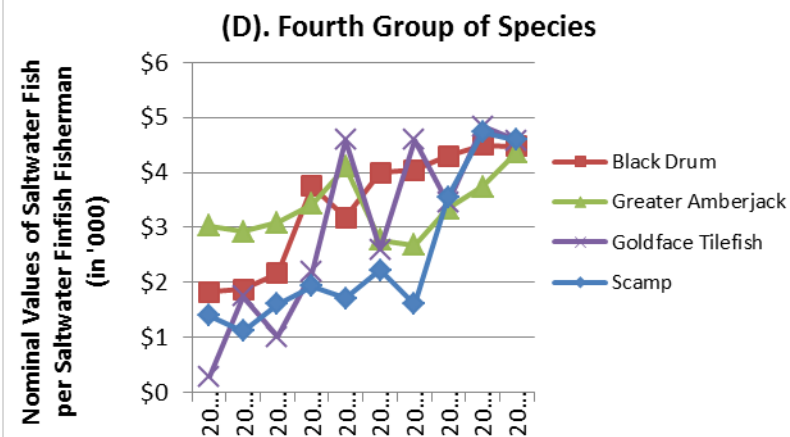
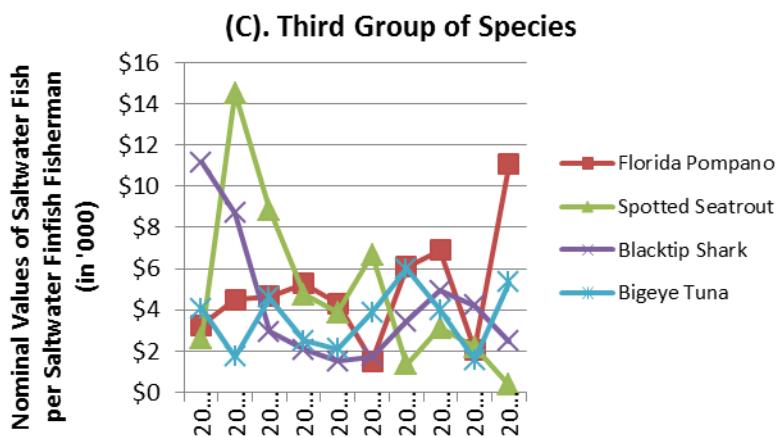
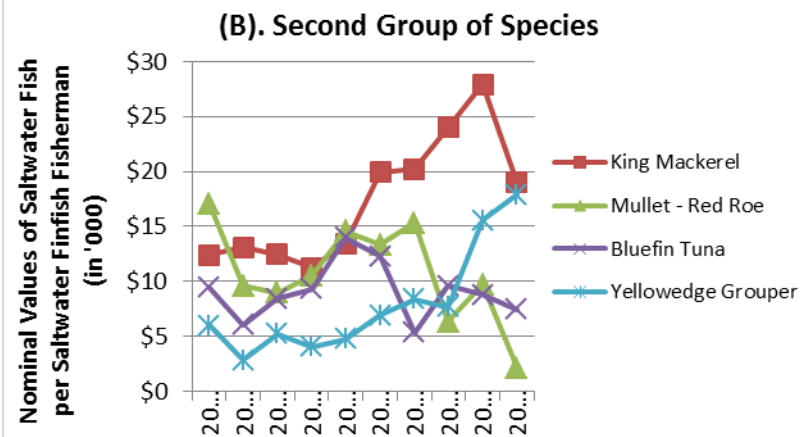
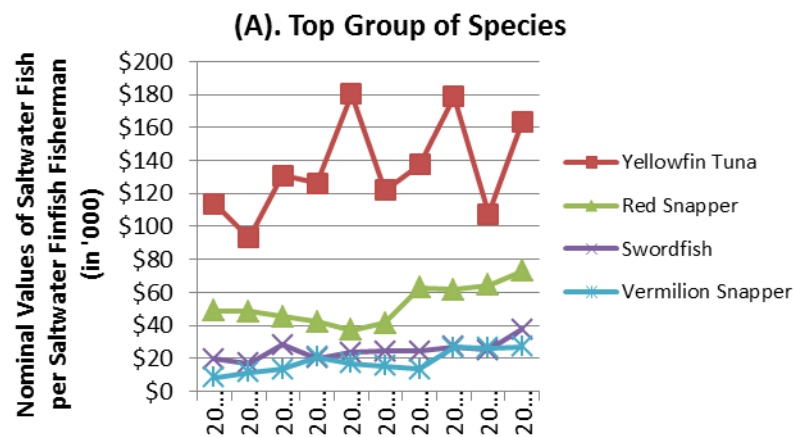
For most of the 2000-2009 period, fisherman landings of saltwater finfish like swordfish and yellowedge grouper showed a positive trend. For example, Plot B shows that the volume of swordfish landed rose from 10,232 pounds per saltwater finfish fisherman in 2004 to 20,391 pounds in 2009, while Plot D shows that the volume of yellowedge grouper landed per saltwater finfish fisherman rose from 1,602 pounds in 2003 to 5,737 pounds in 2009.

In Figure 3.7, yellowfin tuna and red snapper maintained their lead in the average nominal dockside values per saltwater finfish fisherman similar to their volume of landings presented in the previous paragraphs. The annual average dockside value stood at \$135,339 per saltwater finfish fisherman who landed yellowfin tuna and at \$52,503 per saltwater finfish fisherman for red snapper. However, swordfish and vermilion snapper occupied the next



Source: Appendix Table G.8.

Figure 3.6 Landings of Saltwater (Non-Menhaden) Finfish per Saltwater Finfish Fisherman by Species, 2000 – 2009



Source: Appendix Table G.9. See Appendix Figure G.3 for the average real dockside value of non-menhaden saltwater finfish per fisherman by species. The average value of a species per fisher was calculated by dividing the value by the number of fishers who caught the species.

Figure 3.7 Average Nominal Values of Saltwater (Non-Menhaden) Finfish per Saltwater Finfish Fisherman by Species, 2000 – 2009

positions consecutively with their annual average nominal dockside values per saltwater finfish fisherman being \$24,616 and \$17,996, respectively.

Examining the patterns of individual species shows that the average nominal dockside value of yellowfin tuna per saltwater finfish fisherman fluctuated rigorously between \$93,129 in 2001 and \$180,262 in 2004, while the average dockside value of red snapper landed per saltwater finfish fisherman fluctuated modestly between \$37,128 in 2004 and \$72,844 in 2009. Moreover, the average nominal dockside value per saltwater finfish fisherman ranged from \$16,823 in 2001 to \$37,480 in 2009 for swordfish and from \$8,527 in 2000 to \$26,851 in 2009 for vermilion snapper.

In addition, the average nominal dockside values of finfish per saltwater finfish fisherman trended upward since 2003 for king mackerel and yellowedge grouper (Plot B) as well as for black drum (Plot D). For example, the per saltwater finfish fisherman average dockside value rose more than two-fold from \$11,252 (2003) to \$27,883 (2008) for king mackerel, more than four-fold from \$4,046 (2003) to \$17,863 (2009) for yellowedge grouper and more than two-fold from \$1,826 (2000) to \$4,499 (2008) for black drum.

Chapter 4 - Hurricanes Impacts and Recovery in Finfish Fishery

Examination of the plots in Chapters 1 and 2 revealed that hurricanes Katrina and Rita of 2005 and hurricanes Gustav and Ike of 2008 are the most important hurricanes that have impacted the finfish fisheries in Louisiana during the period between 2000 and 2009. Hence, Chapter 4 discusses the changes in participation and activities in the commercial fishermen side of the finfish fishery associated with these hurricanes as well as changes in performance indicators including finfish landings, average dockside prices and dockside values. The chapter also attempts to assess the recovery of the finfish sector in the aftermath of these hurricanes.

The chapter is divided into three sections. The changes that occurred in participation and activities in the commercial finfish fishery by finfish species, fishing trip and changes in the place of residence of finfish fishermen and vessel owners following the hurricanes are discussed in Section 4.1. Similar discussions on performance indicators are contained in Section 4.2. Section 4.3 considers the impacts of hurricanes on performance indicators per finfish fisherman.

4.1 Hurricanes Impacts and Recovery on Participation and Activities

A number of measures of participation and activities associated with finfish harvesting or landing, regardless of the finfish species, exhibited a consistent decline from the outset (2000). The declining trends in some cases were interrupted at some points during the 2000-2009 period, which might be attributed to a lot of factors among which are improvement in trip data reporting, changes in fishing regulations, market forces and hurricane occurrences. This section examines the effects of hurricanes occurrences and assesses the recovery process in the finfish fishery.

The major hurricanes, which have caused disproportionate changes in participation and activities associated with the Louisiana finfish fishery, are Katrina and Rita of 2005 as well as Gustav and Ike of 2008. The maps showing the fishing areas (basins and grids) and the traces of the hurricanes' paths are presented in Appendix Figures K.2 to K.6, while the participatory activities and the regions, which the hurricanes impacted, are shown in Figures 4.1 to 4.4 and Appendix Tables H.1 to H.7.

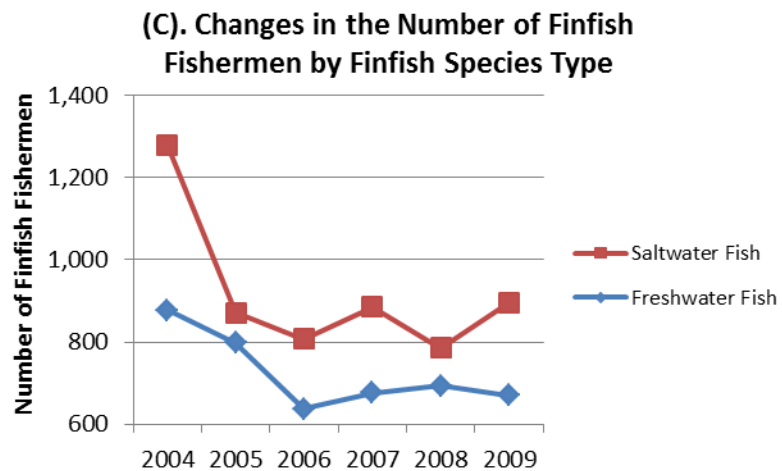
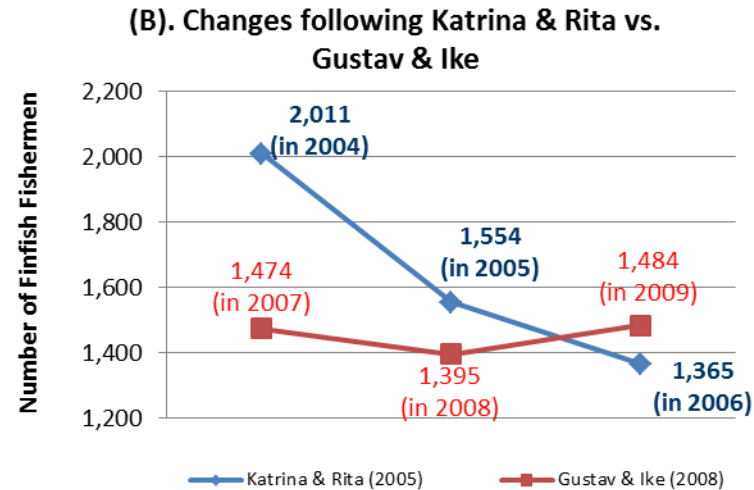
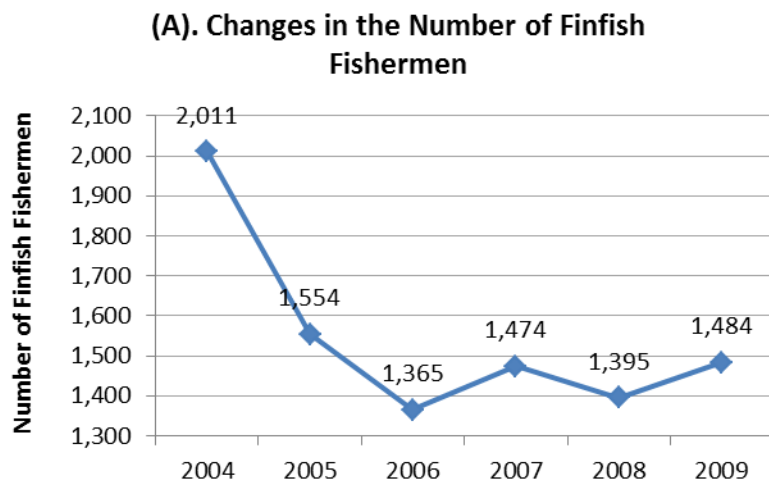
4.1.1 Change in Participation and Activities by Species-Type

Figure 4.1, Plots A and B, shows that the total number of commercial fishermen who landed finfish declined by 32.1 percent between 2004 and 2006 following hurricanes Katrina and Rita and by 5.4 percent between 2007 and 2008 following hurricanes Gustav and Ike.

In Plot C, the effects of hurricanes on the number of finfish fishermen were disaggregated into finfish species types. Hence, Plot C shows that the number of individuals who landed saltwater (or freshwater) fish diminished by approximately 36.8 percent (or 27.4 percent) from 2004 to 2006. However, the number of individuals who landed saltwater finfish declined by 11.2 percent following Gustav and Ike (between 2007 and 2008) but the number of fishermen who landed freshwater finfish rose by 2.4 percent. The number of dealers who purchased at least a pound of fish declined in the same periods regardless of species type (Figure 1.2 of Chapter 1).

4.1.2 Regional Changes in Participation and Activities

Parishes of residence of fishermen who landed finfish and individuals whose vessels landed finfish are grouped into four regions using Atchafalaya River Basin as a reference area. Thus, there are East of the Atchafalaya (bounded at the north by the State of Mississippi and at the south by the Gulf of Mexico), West of the Atchafalaya (bounded at the north by Vernon,



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Source: Appendix Table H.1.

Figure 4.1 Changes in the Number of Finfish Fishermen following the 2005 and 2008 Hurricanes

Rapides and Avoyelles parishes and at the south by the Gulf of Mexico) and North of the Atchafalaya Basin (all northern parishes starting from Vernon, Rapides, and Avoyelles parishes) as well as parishes out of Louisiana. Coincidentally, the southeast of Louisiana was affected mainly by Katrina (2005) and Gustav (2008), while the southwest of Louisiana was affected mainly by Rita (2005) and Ike (2008).

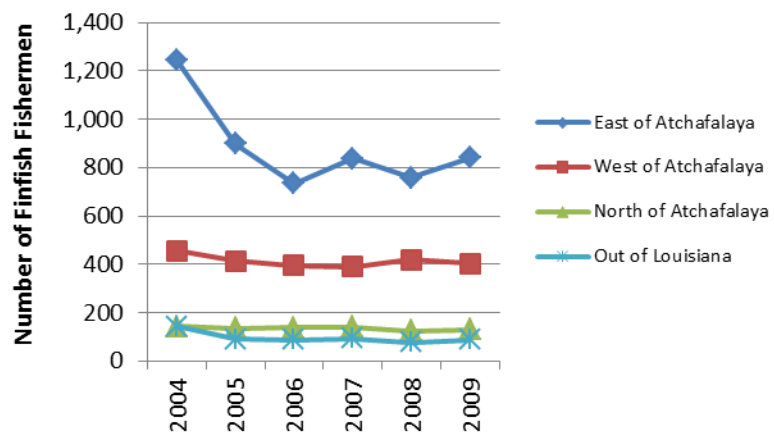
4.1.2.1 Change in the Number of Fishermen by Fisherman's Region of Residence

The changes, following hurricanes, in the number of individuals who landed finfish by fisherman's region of residence are shown in Figure 4.2, Plots A to C. Plot A displays the trend from 2004 to 2009, while Plots B and C break this trend into two parts to facilitate showing a clearer picture of the effects of the hurricanes across the regions.

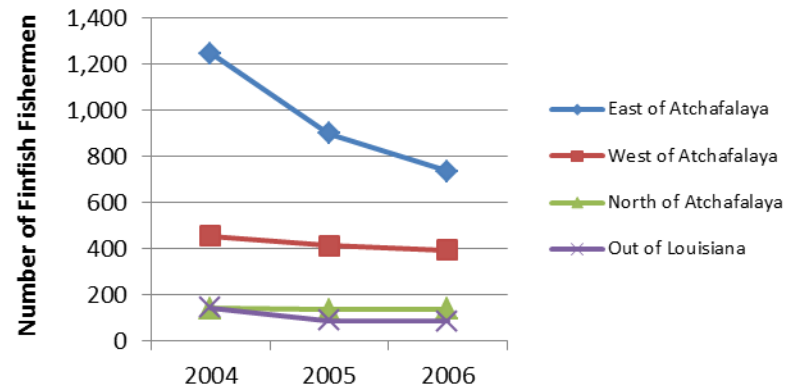
Specifically, Plot B shows that East of the Atchafalaya was the hardest hit especially by hurricane Katrina with a 41.0 percent net reduction in the number of resident finfish fishermen between 2004 and 2006, followed by individuals from places outside of Louisiana who landed finfish in Louisiana (39.9 percent). In the same period, the number of finfish fishermen who resided in the West and North of the Atchafalaya witnessed a net decline of 13.6 percent and 3.5 percent, respectively, perhaps, from a combined effect of Katrina and Rita.

Plot C traces the effects of hurricanes Gustav and Ike, which impacted the East and West, respectively, of the Atchafalaya Basin in 2008. Between 2007 and 2008, the number of finfish fishermen fell by 18.8 percent among the individuals who resided outside of Louisiana, followed by declines of 10.7 percent among individuals who lived in the northern region and 9.7 percent among those in the eastern region. However, the number of resident finfish fishermen in the West of the Atchafalaya Basin experienced a boost of 7.4 percent following the hurricanes.

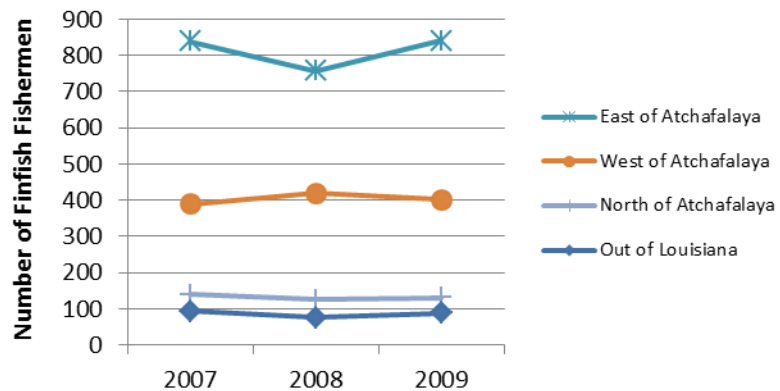
(A). Effects of Hurricanes by Region



(B). Effects of Katrina & Rita by Region



(C). Effects of Gustav & Ike by Region



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Source: Appendix Tables H.2 and H.3.

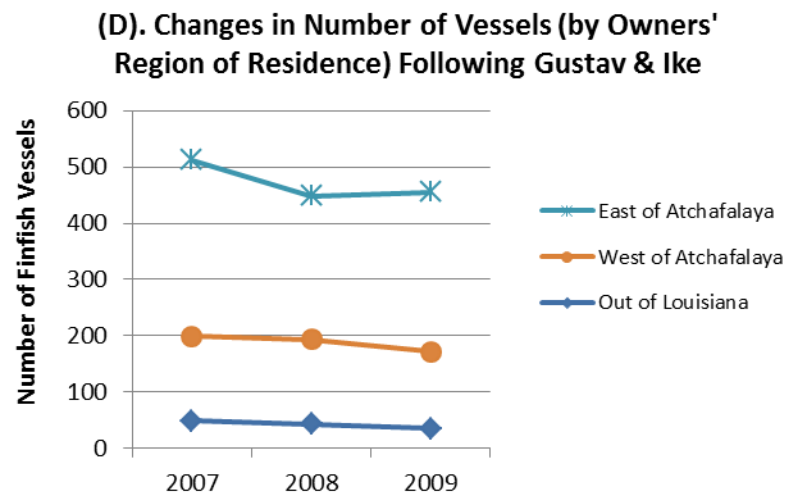
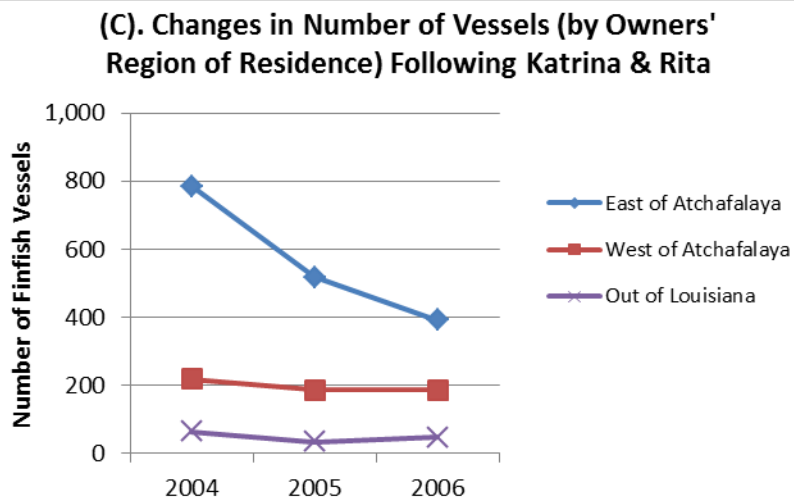
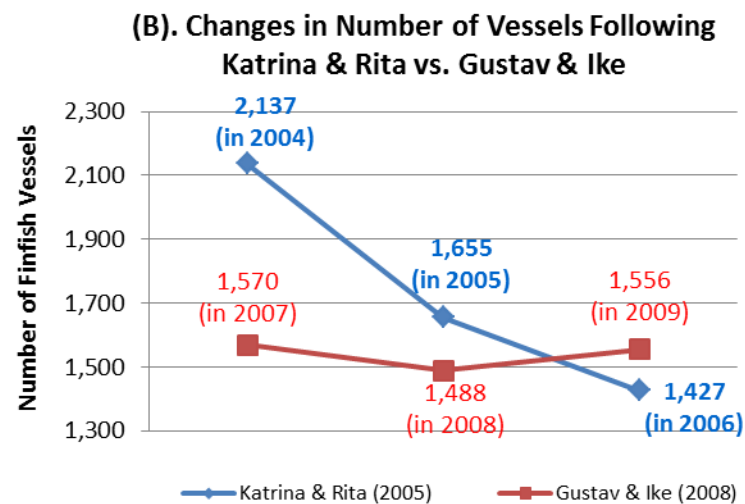
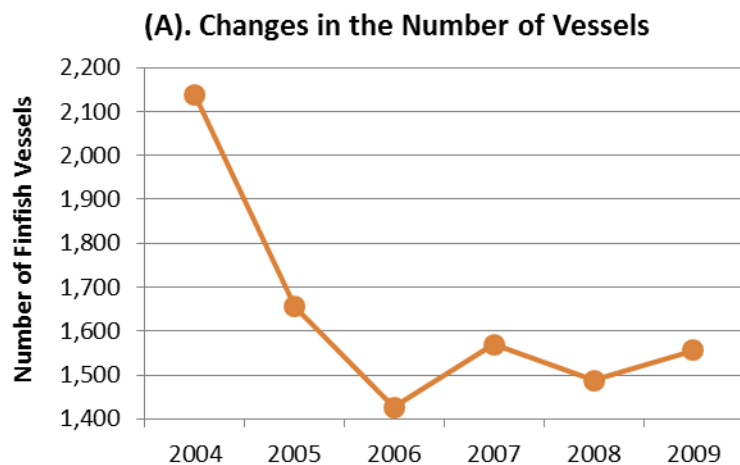
Figure 4.2 Changes in the Number of Finfish Fishermen (by Region of Residence) following the 2005 and 2008 Hurricanes

4.1.2.2 Changes in the Number of Finfish Vessels by Owners' Region of Residence

Figure 4.3 traces the changes in the number of finfish vessel owners following Katrina and Rita (2005) and hurricanes Gustav and Ike (2008) as well as the regions in which they abode. Specifically, Plot A shows the trend from 2004 to 2009, while Plot B breaks the trend into two to allow a better comparison between the responses of the population of vessel owners to Katrina/Rita and Gustav/Ike. Plots C and D disaggregate these responses across regions of residence of the vessel owners.

Except for the North of Atchafalaya, which is excluded for confidentiality reasons (i.e., occurrence of less than four vessels), all plots (Figure 4.3) display similar patterns when compared to Figure 4.2. In Plots A and B, the total number of vessels, which landed finfish and whose owners' parishes of residence were specified, declined by 33.2 percent between 2004 and 2006 (following Katrina and Rita) and by 5.2 percent between 2007 and 2008 (following Gustav and Ike).

For the vessel owners' regions of residence (Plots C and D), the region to the East of the Atchafalaya displaced the largest losses or dislocations of 50.1 percent (following Katrina) and 12.5 percent (following Gustav) in the number of finfish vessels whose owners resided there. Next were fishing vessels, which operated from locations outside of Louisiana with a loss of 27.7 percent following Katrina or Rita and a loss of 12.2 percent following Gustav or Ike. Hurricanes Rita (2005) and Ike (2008) might have resulted in losses of 15.1 percent and 2.5 percent, respectively, of number of finfish vessels located at the region to the West of the Atchafalaya Basin.



Source: Appendix Tables H.4 and H.5. Note that the region “North of Atchafalaya” is omitted for confidentiality reasons.

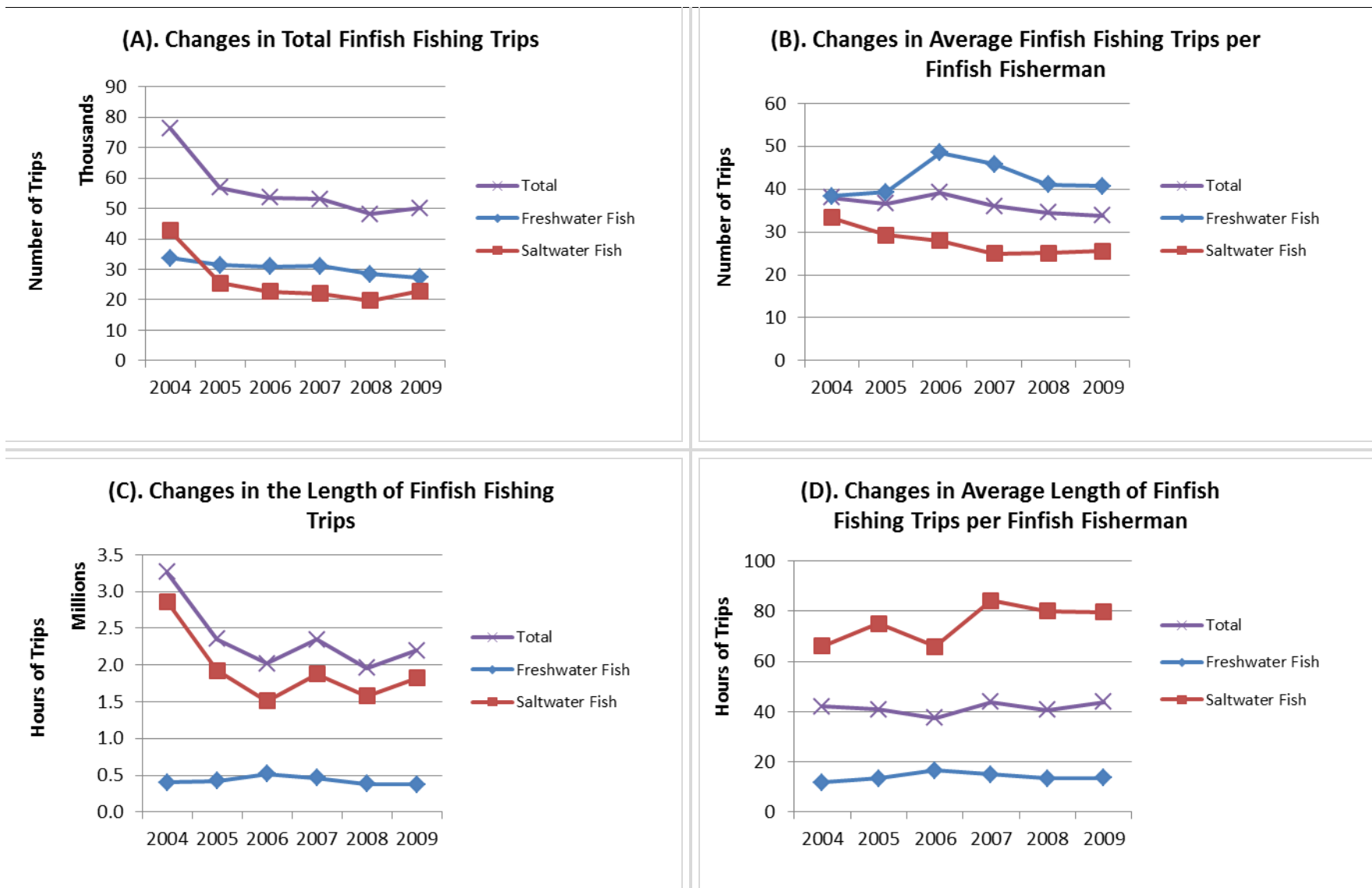
Figure 4.3 Changes in the Number of Finfish Vessels following the 2005 and 2008 Hurricanes

4.1.3 Changes in the Number and Length of Fishing Trips

The changes in the number and length (hours) of fishing trips associated with finfish landings following hurricanes Katrina and Rita (2004 to 2006) as well as Gustav and Ike (2007 to 2008) are shown in Figure 4.4, Plots A to D. In Plots A, the total number of fishing trips fell by 30.0 percent from 76,415 trips in 2004 to 53,492 trips in 2006 following Katrina and Rita and by 9.3 percent from 53,092 trips in 2007 to its period minimum (48,177 trips) in 2008 as a result of Gustav and Ike. By species type, total fishing trips associated with the landing of saltwater finfish suffered larger losses of 47.0 percent following Katrina and Rita as well as 10.7 percent due to Gustav and Ike, while freshwater fish related trips demonstrated declines of 8.5 percent and 8.2 percent, respectively.

Plot B shows that the total average of finfish related trips per fisherman increased by a net of one trip (3.1 percent) in 2006 over its 2004 level (38 trips). This net increase can be attributed to the positive impact of 26.1 percent (from 38 trips in 2004 to 48 trips in 2006) on the freshwater finfish related trips per fisherman following Katrina and Rita. This positive impact was large enough to offset the loss of 16.2 percent (from 33 trips in 2004 to 28 trips in 2006) for the per fisherman saltwater fish related trips due to Katrina and Rita. In contrast, a loss of five fishing trips (10.4 percent) associated with the landing of freshwater finfish in 2008 from 46 trips in 2007 overshadowed the increase of 0.6 percent for the saltwater finfish trips, resulting in a total of 4.1 percent decrease in the average number of trips per fisherman. Average trip per fisherman reduced from 36 in 2007 to 35 in 2008 due to Gustav and Ike.

Plot C traces the changes in the length of finfish fishing trips in the freshwater and saltwater areas following the hurricanes. There was a net decrease in the cumulative length of finfish fishing trips from 3.3 million hours in 2004 to 2.2 million in 2006 (38.0 percent)



Source: Appendix Tables H.6 and H.7.

Figure 4.4 Changes in Finfish Fishing Trips following the 2005 and 2008 Hurricanes

following Katrina and Rita as well as from 2.4 million hours in 2007 to 2.0 million in 2008 (16.5 percent) following Gustav and Ike. However, the total hours of fishing trips rose by 27.9 percent (from 402,969 hours in 2004 to 515,475 hours in 2006) for freshwater finfish related trips but fell by 47.3 percent (from 2.9 million hours in 2004 to 2.5 million in 2006) for saltwater finfish related trips. Between 2007 and 2008, the total hours of fishing trips fell by 18.3 percent from 466,116 hours (2007) for the freshwater fishing related trips and by 16.1 percent from 1.9 million hours (2007) for saltwater fishing related trips.

Similarly, Plot D shows the effects of hurricanes on the total average length of trips per finfish fisherman and species-related average length of trips per finfish fisherman. The total average hours of fisherman trips leading to the landing of finfish fell by 11.2 percent from 42.1 hours in 2004 to 37.4 hours in 2006. In the same period, the hours per fisherman trip rose by 41.0 percent from an average of 11.7 hours for freshwater fish related trip to 16.5 hours but remained relatively unchanged at an average of 66 hours for a trip resulting in the landing of saltwater finfish.

However, during the Gustav and Ike period (2007 and 2008), fishing trips leading to freshwater and saltwater finfish landings fell by 10.1 percent (from 14.9 hours) and 5.0 percent (from 84.2 hours), respectively, resulting in a net decrease of 7.3 percent (from 43.8 hours) in the total average hours of finfish-related trip per fisherman.

4.2 Hurricanes Impacts on Finfish Landings, Dockside Prices and Values

This section discusses the changes in the performance measures such as the volume of finfish landings, the average dockside prices and the dockside values of finfish landed in Louisiana following hurricanes Katrina or Rita in 2005 and hurricanes Gustav or Ike in 2008.

Measures of performance by finfish species type, fisherman's region of residence, fishing areas (i.e., basins and grids) and measures per head are also included.

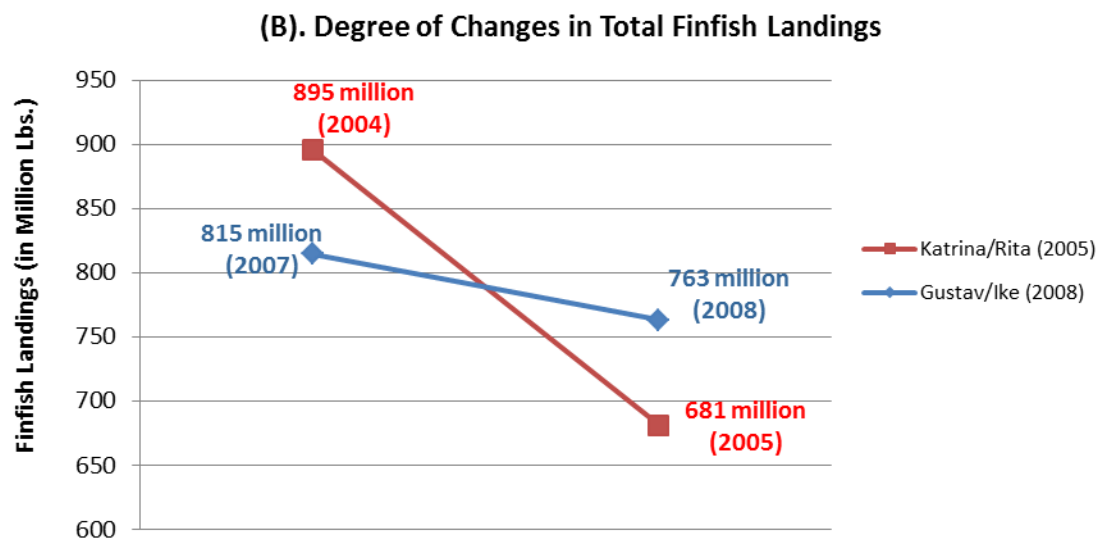
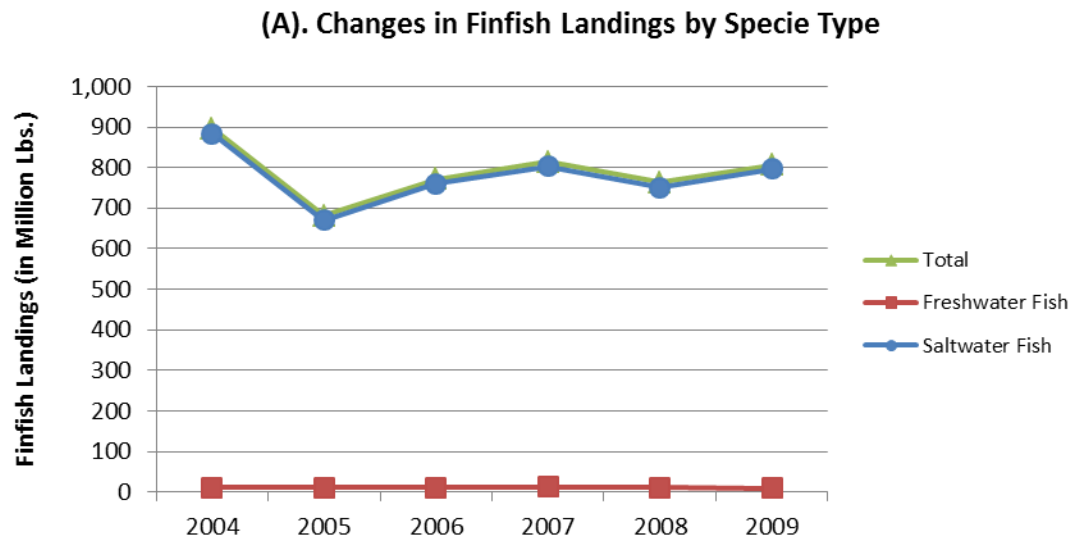
4.2.1 Changes in Performance Indicators

The changes in total and species group related finfish landings, average dockside prices and dockside values following hurricanes are presented.

4.2.1.1 Changes in Finfish Landings

Figure 4.5 traces the trends and recovery of the finfish landings by species type from 2004 through 2009 relative to the total finfish landings (Plot A) and the specific changes in the total finfish landings, which occurred during the years of hurricanes, that is in 2005 and 2008 (Plot B). Plot A shows that the volume of saltwater finfish fell by 24.2 percent from 883.3 million pounds in 2004 to 669.6 million pounds in 2005. In the same period, the volume of freshwater finfish landed only fell by 2.1 percent from 12.0 million pounds to 11.8 million pounds.

Between 2007 and 2008, the decline in the volume of saltwater finfish and freshwater finfish were by 6.4 percent (i.e., 802.3 - 751.3 million pounds) and 5.9 percent (i.e., 12.4 - 11.6 million pounds), respectively, following Gustav and Ike. Plot B compares the degrees of declines, associated with the two groups of hurricanes, in the total finfish landings. A larger impact with a loss of 23.9 percent of finfish landings from 895.3 million pounds in 2004 to 681.3 million pounds in 2005 was recorded following Katrina and Rita. In comparison, a smaller loss of 6.3 percent from 814.6 million pounds in 2007 to 762.9 million pounds in 2008 was recorded following Gustav and Ike.



Source: Appendix Table I.1.

Figure 4.5 Changes in Finfish Landings following the 2005 and 2008 Hurricanes

4.2.1.2 Changes in Average Dockside Prices of Finfish

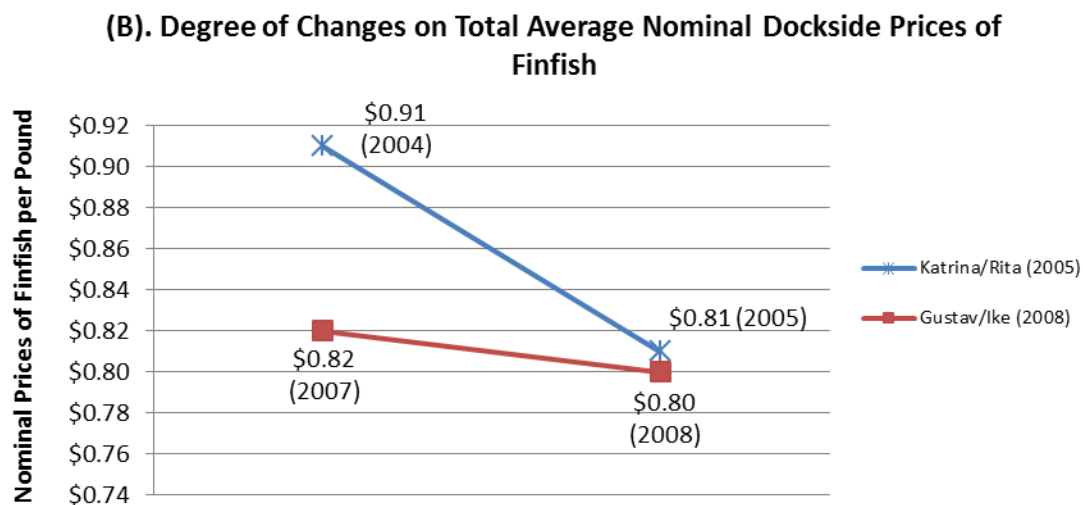
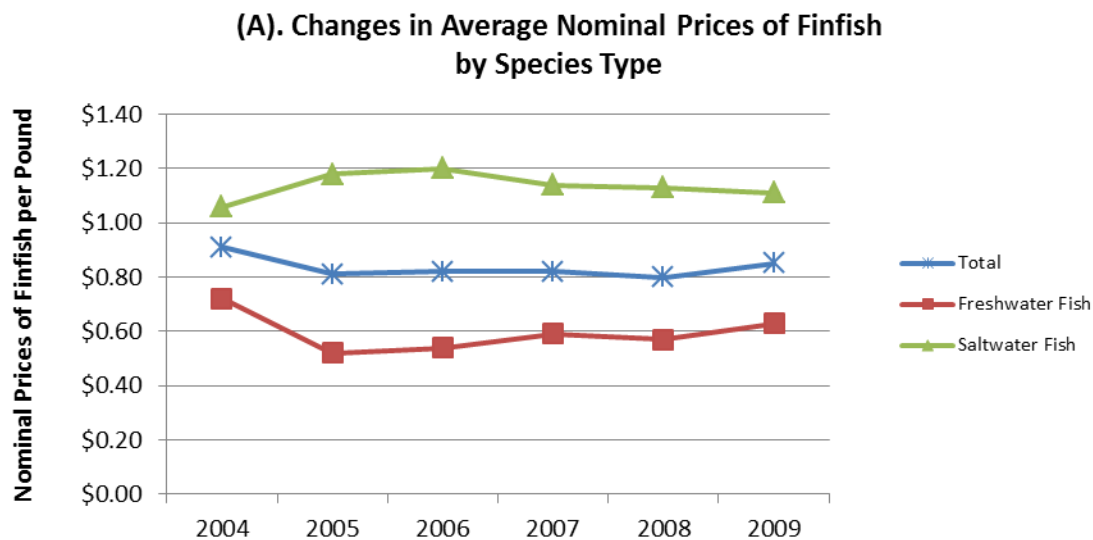
Figure 4.6, Plots A and B, shows the average nominal dockside prices of total finfish landings, saltwater finfish and freshwater finfish landed following hurricanes Katrina and Rita (2005) as well as hurricanes Gustav and Ike (2008). Between 2004 and 2005, the average nominal dockside price per pound rose for saltwater finfish by 11.3 percent from \$1.06 per pound in 2004 to \$1.18 per pound in 2005, but declined by 27.8 percent from \$0.72 to \$0.52 per pound for freshwater finfish in the same period (Plot A).

In Plot B, the change in the average price per pound of finfish after Katrina and Rita was larger than the change in the average price of finfish per pound following than Gustav and Ike. Occurrences of Katrina and Rita preceded a fall of 11.0 percent in the total average nominal dockside price of finfish from \$0.91 per pound to \$0.81 per pound between 2004 and 2005, while Gustav and Ike preceded a 2.4 percent decline from \$0.82 per pound to \$0.80 per pound between 2007 and 2008.

4.2.1.3 Changes in Dockside Values of Finfish

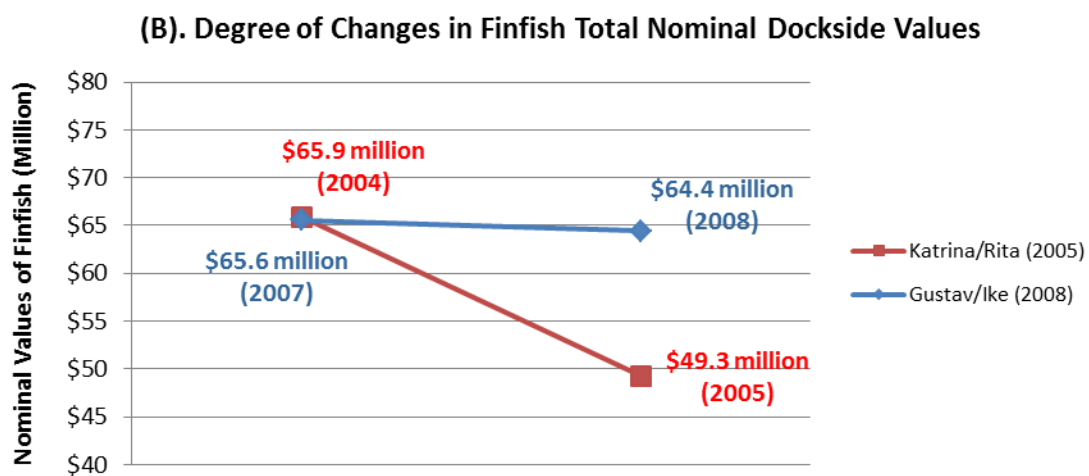
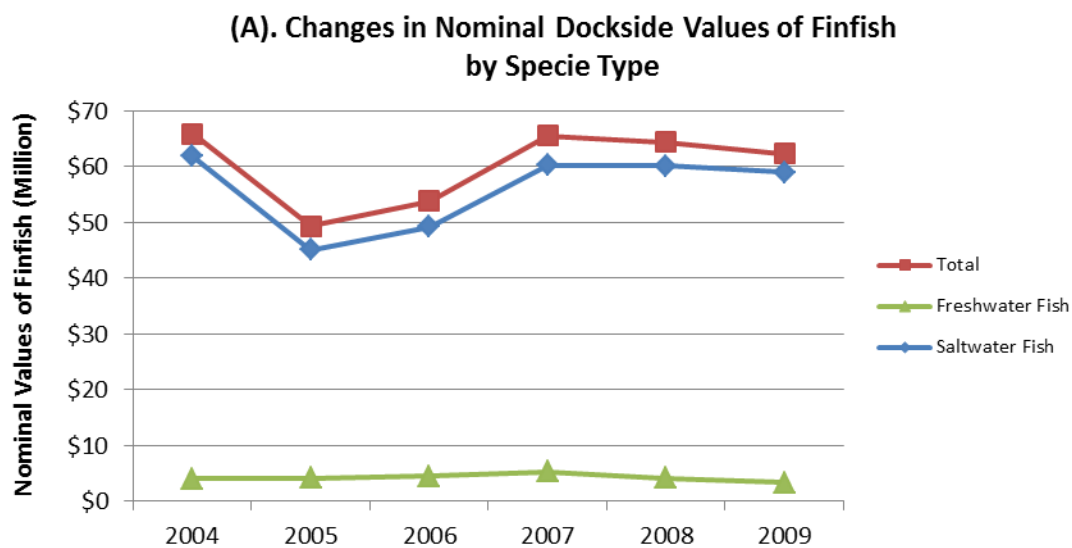
The changes, which occurred in the total nominal dockside values of finfish in general as well as the values of saltwater and freshwater finfish in particular are shown in Figure 4.7 (Plots A and B). Plot A shows that Katrina and Rita preceded a 27.0 percent fall in the nominal dockside value of saltwater finfish from 2004 (\$61.9 million) to 2005 (\$45.1 million) but a 2.4 percent increase (from \$4.1 million to \$4.2 million) in the nominal dockside value of freshwater finfish.

Following Gustav and Ike in 2008, the nominal dockside value declined by 20.2 percent from \$5.3 million in 2007 to \$4.2 million in 2008 for freshwater finfish and by 0.2 percent from \$60.3 million in 2007 to \$60.2 million in 2008 for saltwater finfish. In total (Plot B), the nominal



Source: Appendix Table I.2. See Appendix Figure I.1 for the hurricanes effects on the real dockside prices.

Figure 4.6 Changes in Average Nominal Dockside Prices of Finfish following the 2005 and 2008 Hurricanes



Source: Appendix Table I.3. See Appendix Figure I.2 for the hurricanes effects on the real dockside values.

Figure 4.7 Changes in Nominal Dockside Values of Finfish following the 2005 and 2008 Hurricanes

dockside value of finfish declined by 25.2 percent from 2004 (\$65.9 million) to 2005 (\$49.3 million) following Katrina and Rita and by 1.8 percent from 2007 (\$65.6 million) to 2008 (\$64.4 million) after Gustav and Ike.

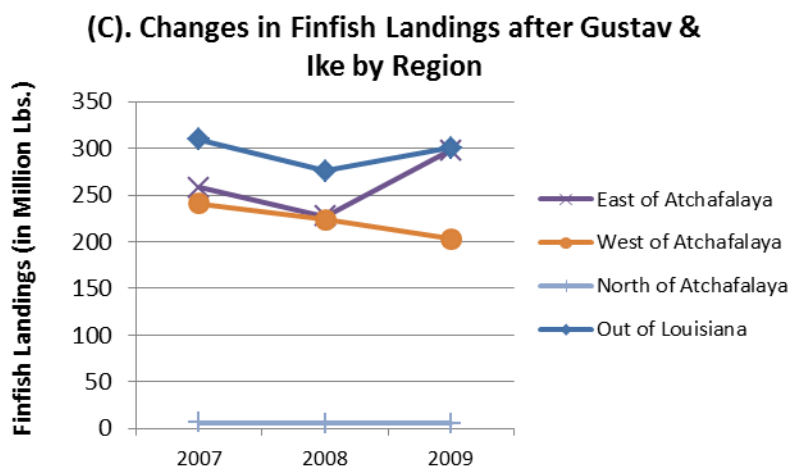
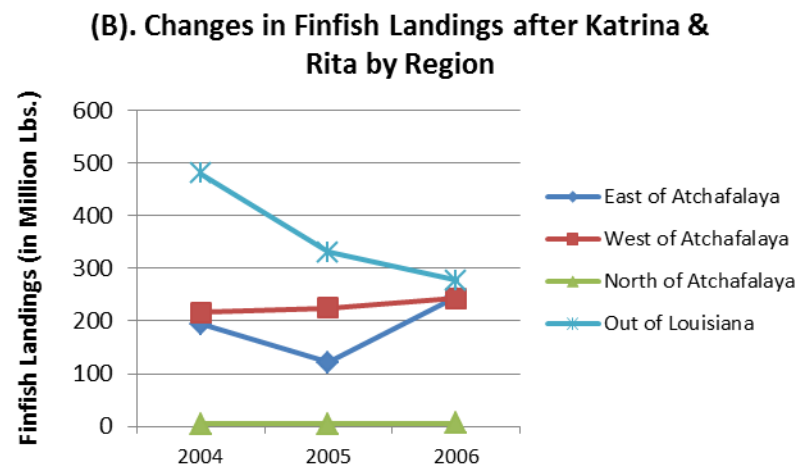
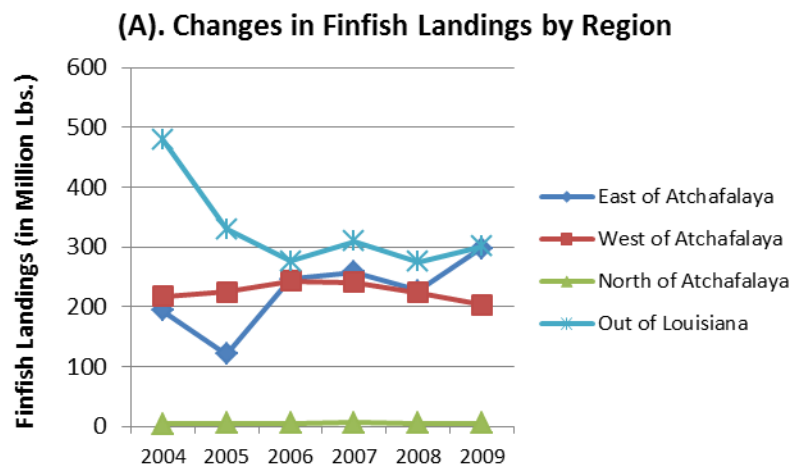
4.2.2 Regional Changes in Performance Indicators

The parishes where fishermen resided were classified into four regions using the Atchafalaya River Basin as a reference point. All parishes to the right of the basin were classified the East of Atchafalaya (i.e., bounded at the north by the State of Mississippi and at the south by the Gulf of Mexico). Parishes to the left of the basin were grouped as the West of Atchafalaya (i.e., bounded at the north by Vernon, Rapides and Avoyelles parishes and at the south by the Gulf of Mexico). North of Atchafalaya Basin consists of all northern parishes starting from Vernon, Rapides, and Avoyelles parishes. All other residence areas outside of Louisiana are classified as Out of Louisiana. The East of Louisiana area was affected mainly by Katrina (2005) and Gustav (2008), while the West of Louisiana was affected mainly by Rita (2005) and Ike (2008).

4.2.2.1 Change in Finfish Landings by Fisherman's Region of Residence

Figure 4.8, Plots A to C shows the trends and recovery of finfish landings by region of residence of fishermen from 2004 to 2009 as well as the individual effects associated with hurricanes Katrina and Rita of 2005 and Gustav and Ike of 2008.

Plot B indicates that the finfish fishermen who lived outside of Louisiana accounted for 479.9 million pounds of finfish landings in 2004. Those who lived in the West, East and North of the Atchafalaya Basin landed 216.9 million, 194.0 million, and 4.5 million pounds of finfish, respectively, in 2004. The fishermen in the east region exhibited the largest decline of 37.5



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Source: Appendix Tables I.4 and I.5.

Figure 4.8 Changes in Finfish Landings (by Fisherman's Region of Residence) following the 2005 and 2008 Hurricanes

percent in finfish landings in 2005, followed by Out of Louisiana residents with a loss of 31.5 percent. In contrast, individuals who lived in the north and west of Atchafalaya Basin added 11.4 percent and 3.7 percent of finfish, respectively, in 2005.

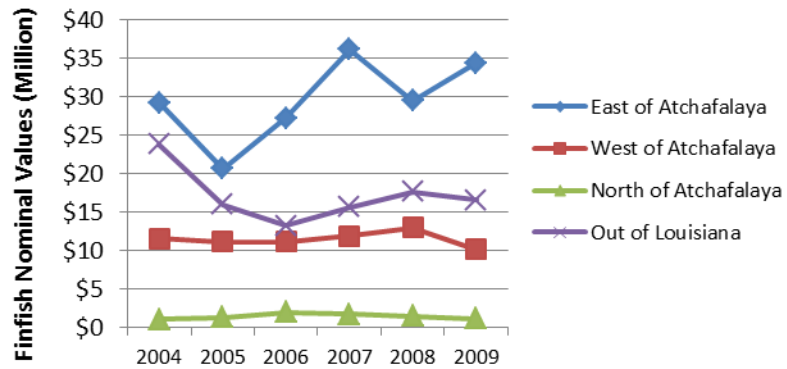
All residential regions exhibited losses of different magnitudes in finfish landings between 2007 and 2008 following hurricanes Gustav and Ike. For example, individuals who resided in the East of the Atchafalaya River Basin experienced a decline of 12.0 percent from 258.2 million pounds of landed finfish in 2007 to 227.3 pounds in 2008. The volume of finfish landed by individuals who lived in the North of Atchafalaya Basin fell by 11.9 percent from 6.2 million pounds in 2007 to 5.5 million pounds in 2008. For those who lived outside of Louisiana, finfish landings declined by 10.8 percent from 309.1 million pounds in 2007 to 275.7 million pounds in 2008 and for those who lived in the West of the Atchafalaya Basin, volume fell by 7.1 percent from 241.1 million pounds in 2007 to 223.9 million pounds in 2008.

4.2.2.2 Change in Dockside Values of Finfish by Fisherman's Region of Residence

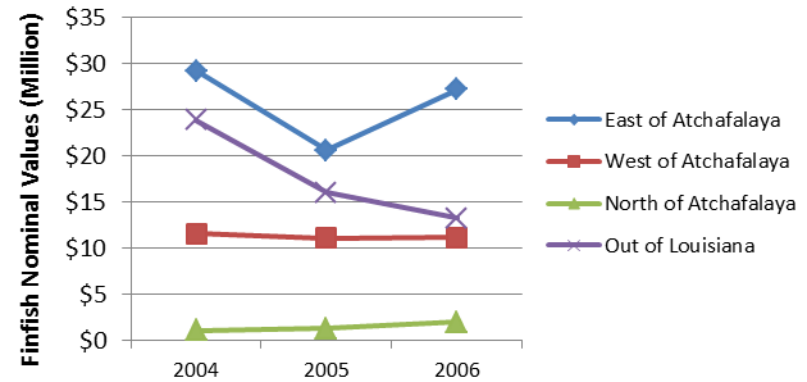
The trends and recovery of the nominal dockside values of finfish landed by fisherman's region of residence from 2004 to 2009 and the changes in finfish values following hurricanes Katrina or Rita of 2005 and Gustav or Ike of 2008 are shown in Figure 4.9, Plots A to C.

Plot B indicates that in 2004, finfish fishermen who lived in the East of Atchafalaya Basin, outside of Louisiana as well as in the West and North of Atchafalaya landed \$29.2 million, \$23.9 million, \$11.6 million, and \$1.1 million worth of finfish, respectively. However, by 2005, total nominal values of finfish declined by 32.8 percent for finfish fishermen who lived outside of Louisiana, followed by a 29.4 percent decline for residents in the East of Atchafalaya and a 4.1 percent decline for individuals who lives in the West of Atchafalaya. Only the residents of the North of Atchafalaya recorded a jump of 17.9 percent in the nominal dockside

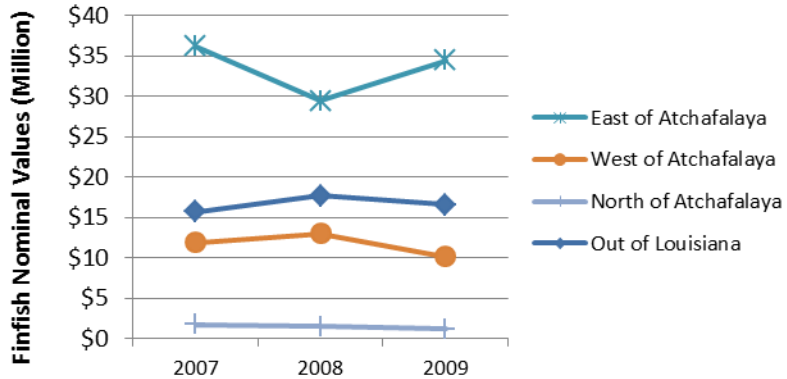
(A). Changes in Nominal Value of Finfish by Region



(B). Changes in Nominal Value of Finfish after Katrina & Rita (by Region)



(C). Changes in Nominal Value of Finfish after Gustav & Ike (by Region)



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Source: Appendix Tables I.6 and I.7. See Appendix Figure I.3 for the hurricanes effects on the real dockside values of finfish by fisherman's region of residence.

Figure 4.9 Changes in Nominal Dockside Values of Finfish (by Fisherman's Region of Residence) following the 2005 and 2008 Hurricanes

value of finfish.

In 2008, finfish fishermen who lived in the East and North of Atchafalaya experienced 18.5 percent and 13.8 percent declines, respectively, from their total finfish nominal dockside values of \$36.2 million and \$1.8 million in 2007 (Plot C). The individuals who resided in the West of Atchafalaya and outside of Louisiana experienced increases 9.1 percent and 12.7 percent compared to their 2004 levels of \$11.9 million and \$15.7 million, respectively.

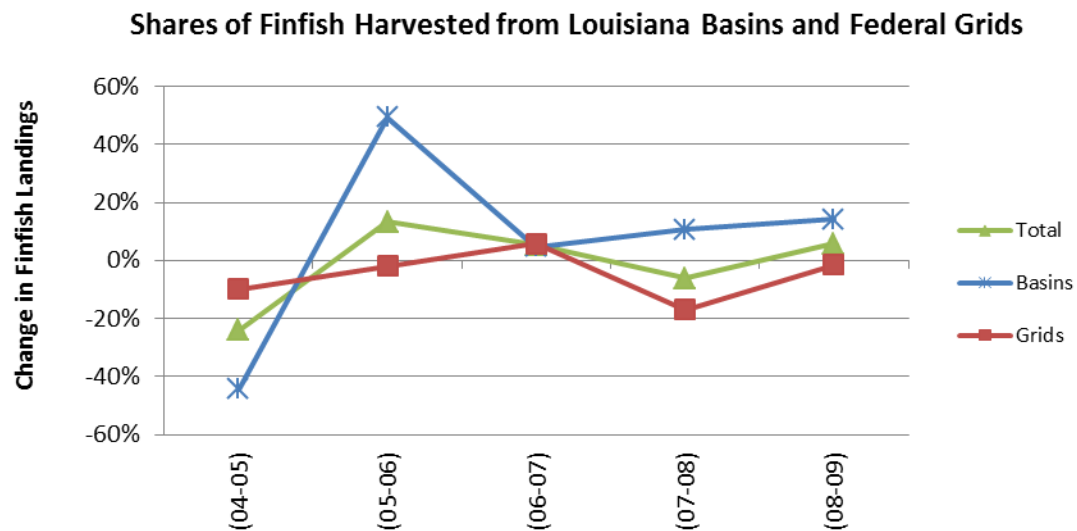
4.2.3 Changes in Performance Indicators by LDWF Trip Ticket Basins and NMFS Grids

The changes in the volume, average nominal dockside prices and nominal dockside values of finfish landed by fishermen from the fishing areas (Louisiana river basins and federal grids) are examined in this section.

4.2.3.1 Change in Finfish Landings by Basin and Grid

Figure 4.10, Figure 4.11 and Figure 4.12 show the bilateral comparisons of finfish harvested in total or by block of fishing areas from 2004 through 2009 following hurricanes Katrina and Rita (2005) and Gustav and Ike (2008). A change below zero percent indicates a decline in landings in a year compared to the previous year, while a change above zero percent indicates a rise in landings. See Appendix Table D.10 for the annual share of finfish harvested from the Louisiana water basins and federal waters grids.

Specifically, Figure 4.10 shows the change in the share of Louisiana basins and the share of federal grids compared to the total volume of finfish landed following the hurricanes. For example, although both groups of hurricanes (Katrina/Rita and Gustav/Ike) were associated with negative changes in the total volume of finfish landed and the share of finfish harvested from the federal grids, only Katrina and Rita appear to have caused a negative change to the share of

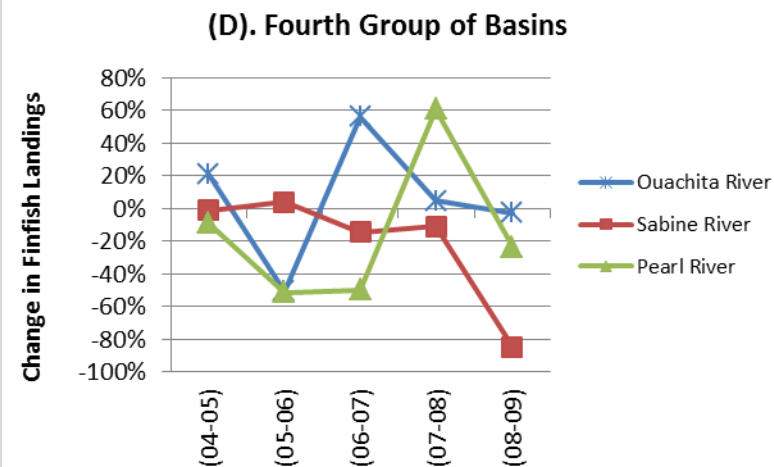
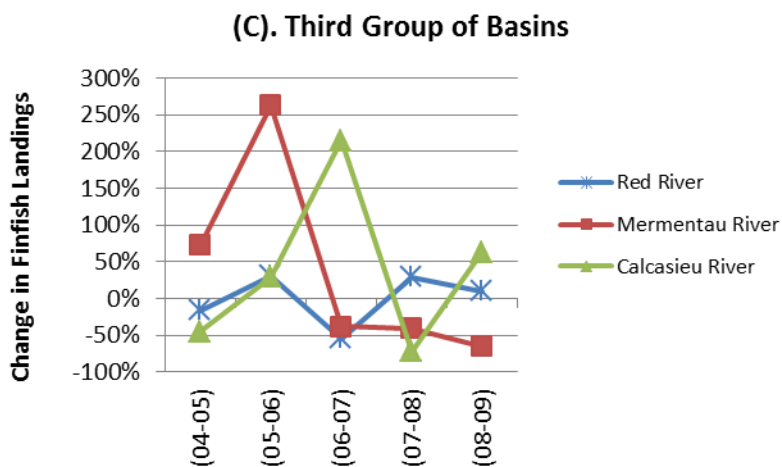
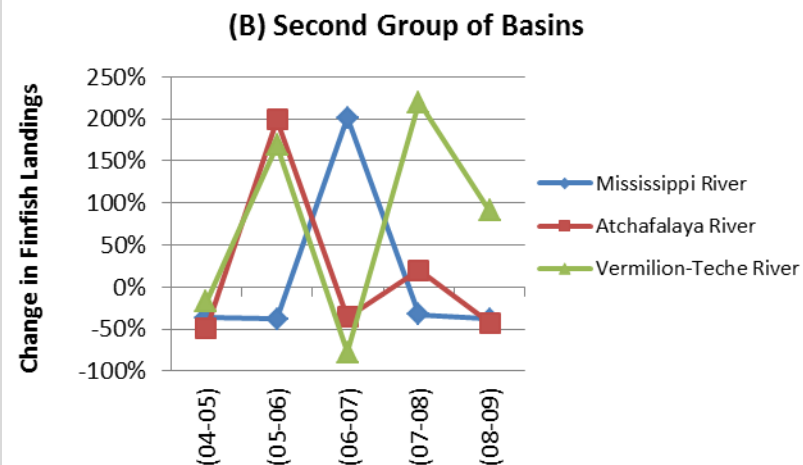
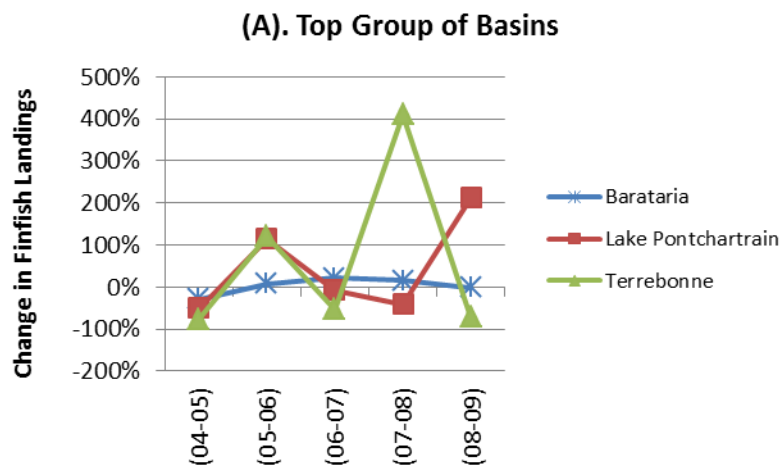


Source: Appendix Table I.10.

Figure 4.10 Changes in the Shares of Finfish Landings (by LDWF Trip Ticket Basin and NMFS Grid) following the 2005 and 2008 Hurricanes

finfish harvested from the Louisiana basins. Precisely, the share of finfish landings from the basins fell by 44.4 percent from 366.6 million pounds in 2004 to 203.9 million pounds in 2005, while the share from the grids fell by 9.9 percent from 528.7 million pounds (2004) to 476.2 million pounds (2005). Following Gustav and Ike, the volume of finfish from the federal grids fell by 17.0 percent from 494.1 million pounds (2007) to 410.3 million pounds (2008), while the share from the Louisiana basins increased by 10.7 percent from 318.5 million pounds in 2007 to 352.6 million pounds in 2008.

Figure 4.11, Plots A to D, shows percent change in the volume of finfish harvested from the Louisiana basins in the period between 2004 and 2009. The largest loss in finfish landings following Katrina and Rita occurred in Terrebonne Basin (75.8 percent) from 64.9 million pounds in 2004 to 15.7 pounds in 2005, followed by Lake Pontchartrain and Atchafalaya Basins



Source: Appendix Table I.10.

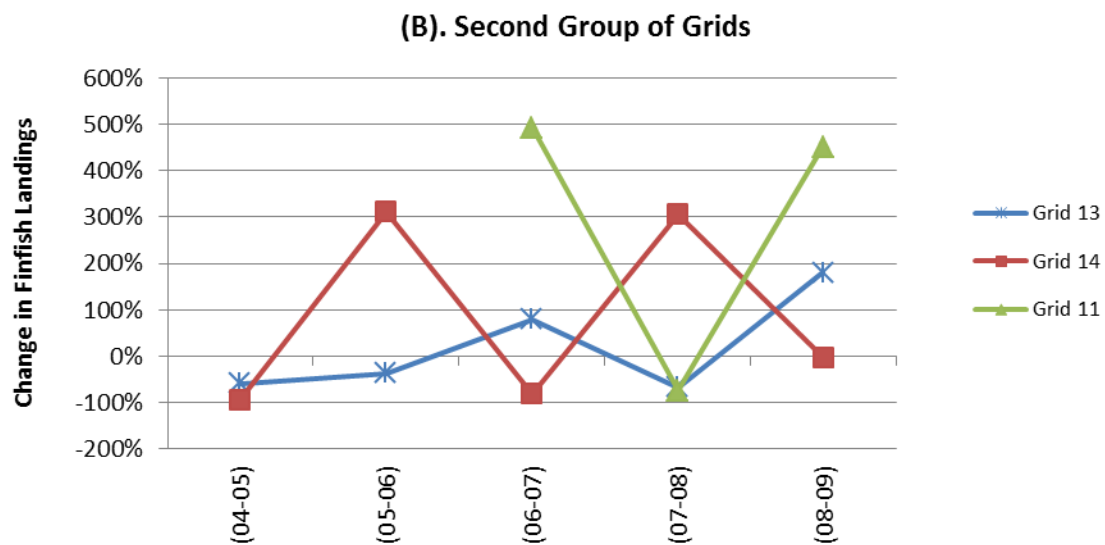
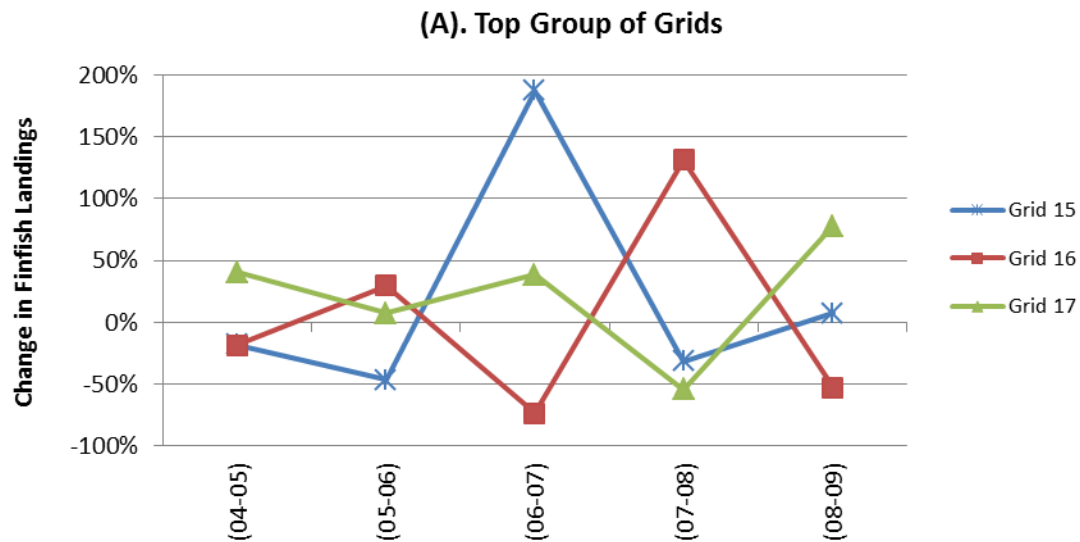
Figure 4.11 Changes in Finfish Landings (by LDWF Trip Ticket Basin) following the 2005 and 2008 Hurricanes

whose pounds of finfish landings declined by 49.7 percent (from 103.7 million to 52.2 million) and 49.1 percent (17.6 million to 9.0 million), respectively. However, finfish harvest in Mermentau River Basin rose by 72.5 percent, while finfish harvest in Ouachita River Basin rose by 21.1 percent in the same period.

The top three among the basins with declined finfish harvests following hurricanes Gustav and Ike in 2008 were Calcasieu River, Lake Pontchartrain and Mermentau River Basins. The percent declines in finfish landed in 2008 from these basins compared to 2007 levels were 71.6 percent (from 1.7 million pounds), 40.9 percent (from 104.0 million pounds) and 40.7 percent (from 1.3 million pounds, respectively. In the same period, the pounds of finfish landings jumped by 410.7 percent (from 16.6 to 84.6 million) for Terrebonne, by 219.5 percent (from 1.3 to 4.3 million) for Vermilion-Teche River and by 60.8 percent (from 6,839 to 10,999) for Pearl River Basins.

Figure 4.12 (Plots A and B) shows the percent change in the volume of finfish reportedly harvested from the major federal grids (Grids 13 to 17) where finfish were harvested consistently. Grid 14, showing a 92.7 percent decline in finfish landings from 3.1 million (2004) to 224,257 (2005) pounds, was the hardest hit by Katrina and Rita. This was followed by Grids 13, 16 and 15 with a percent decrease of 58.1 percent, 18.4 percent and 18.2 percent, respectively. Only Grid 17 shows a jump (40.8 percent) in the pounds of finfish harvested in the period marked by Katrina and Rita.

During the period marked by Gustav and Ike (2007-2008), Grids 13, 17 and 15 were negatively affected, while Grids 14 and 16 were positively affected. Precisely, when compared with the previous year (2007), finfish landings were down by 66.3 percent for Grid 13 (from 1.9 million pounds), by 54.1 percent for Grid 17 (from 170.9 million pounds) and by 31.2 percent for



Source: Appendix Table I.10.

Figure 4.12 Changes in Finfish Landings (by NMFS Grid) following the 2005 and 2008 Hurricanes

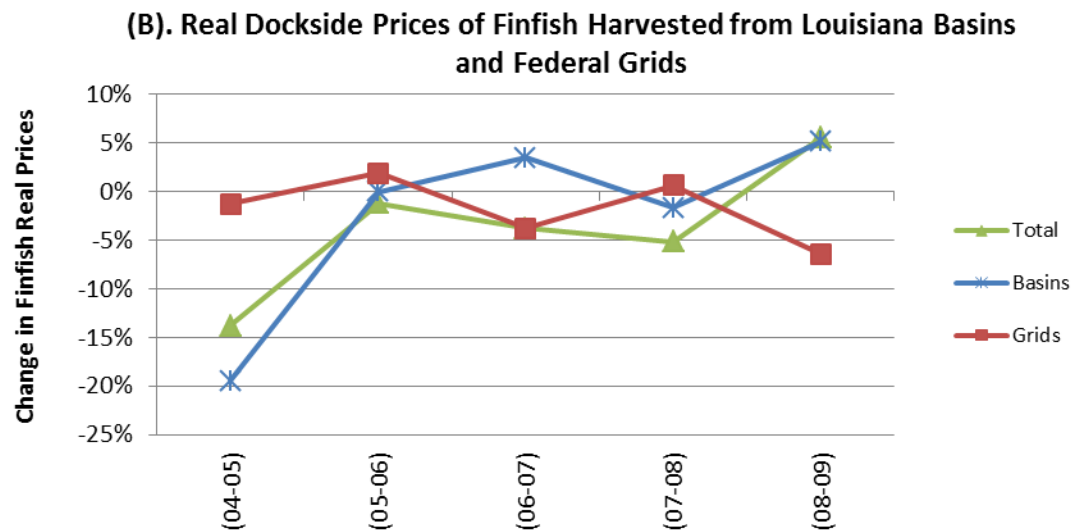
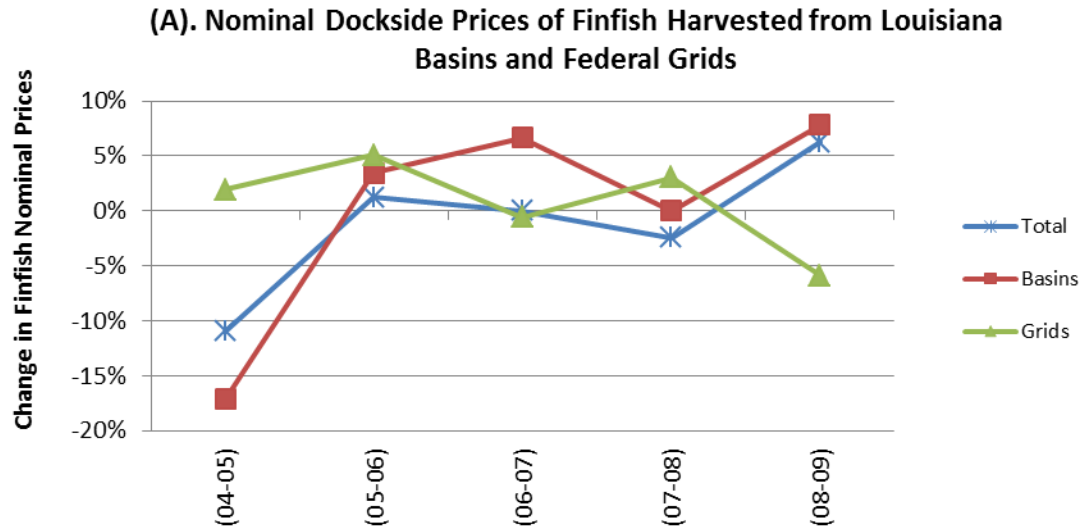
Grid 15 (from 253.6 million pounds). Conversely, finfish landings were up by 305.6 percent for Grid 14 (from 174,363 pounds) and by 131.2 percent for Grid 16 (from 67.5 million pounds).

4.2.3.2 Change in Average Dockside Prices of Finfish by Basin and Grid

Figure 4.13, Figure 4.14 and Figure 4.15 show the bilateral comparisons of the changes in the average dockside prices per pound of finfish harvested in total or by block of fishing areas from 2004 through 2009 in the aftermath of hurricanes Katrina and Rita (2005) and Gustav and Ike (2008). Similar to previous section, a change below (above) zero percent indicates a decline (rise) in average dockside price per pound in a year compared to the previous year. See Appendix Tables D.11 and D.12 for the total average dockside prices of finfish harvested from the Louisiana basins and federal grids.

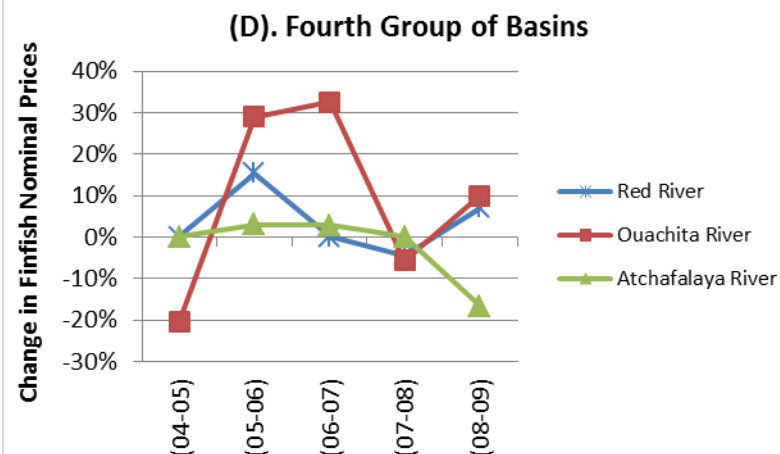
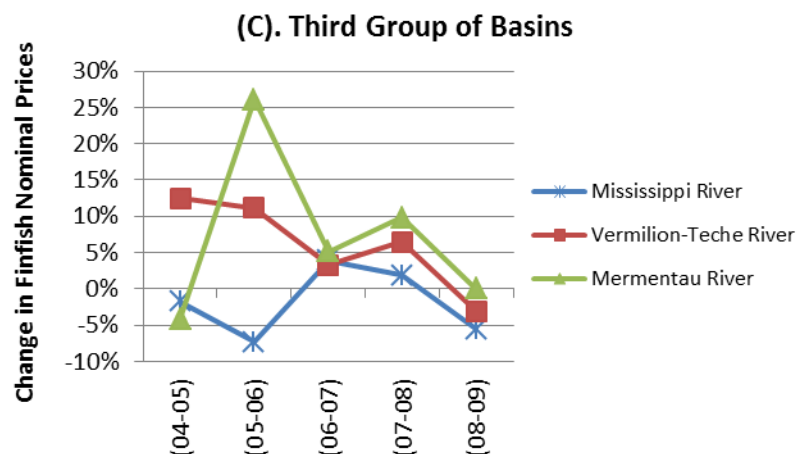
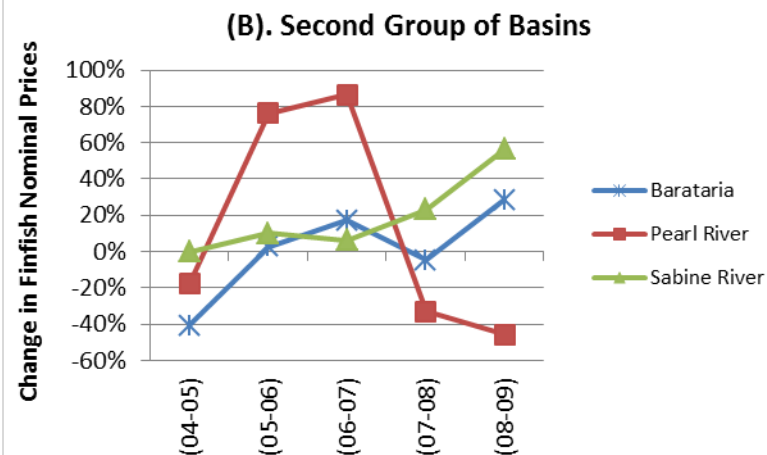
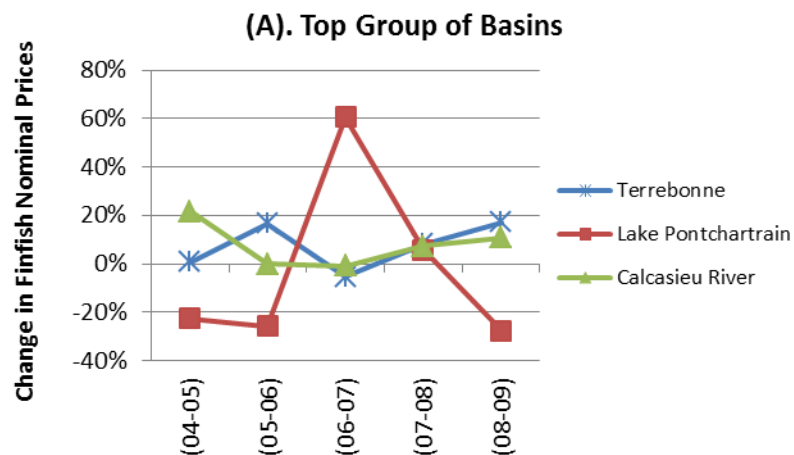
Figure 4.13 shows the total average nominal dockside prices (Plot A) and total average dockside prices in the 2005 dollar (Plot B) per pound of the finfish harvested from both Louisiana water basins and federal water grids. Following Katrina and Rita, the total average dockside price declined for finfish harvested from the Louisiana basins by 17.1 percent from \$0.70 per pound in 2004 to \$0.58 per pound in 2005, while the total average price for finfish from the federal grids increased by 1.9 percent from \$1.54 to \$1.57 per pound. However, only the total average dockside price of finfish from the grids experienced a change of about 3.0 percent (from \$1.64 to \$1.69 per pound) after Gustav and Ike (2007 to 2008).

Figure 4.14 (Plots A to D) shows the percent change in the total average nominal dockside prices per pound of finfish associated with individual basins where the majority of all seafood was harvested during a fishing trip. The largest decrease (from 2004 to 2005) in the average nominal prices of finfish occurred for the Barataria Basin (40.7 percent) from \$1.23 to \$0.73 per pound, followed by the Lake Pontchartrain Basin with a decrease of 22.6 percent (from



Source: Appendix Table I.11 and I.12.

Figure 4.13 Changes in the Shares of Average Dockside Prices of Finfish (by LDWF Trip Ticket Basin and NMFS Grid) following the 2005 and 2008 Hurricanes



Source: Appendix Table I.11. See Appendix Figure I.4 for the hurricanes effects on the average real dockside prices of finfish by basin.

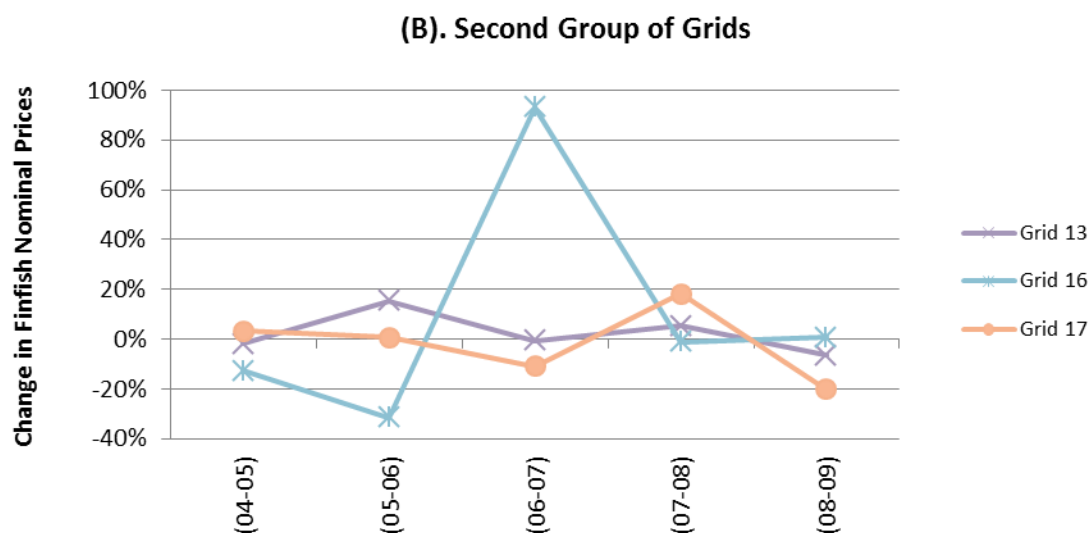
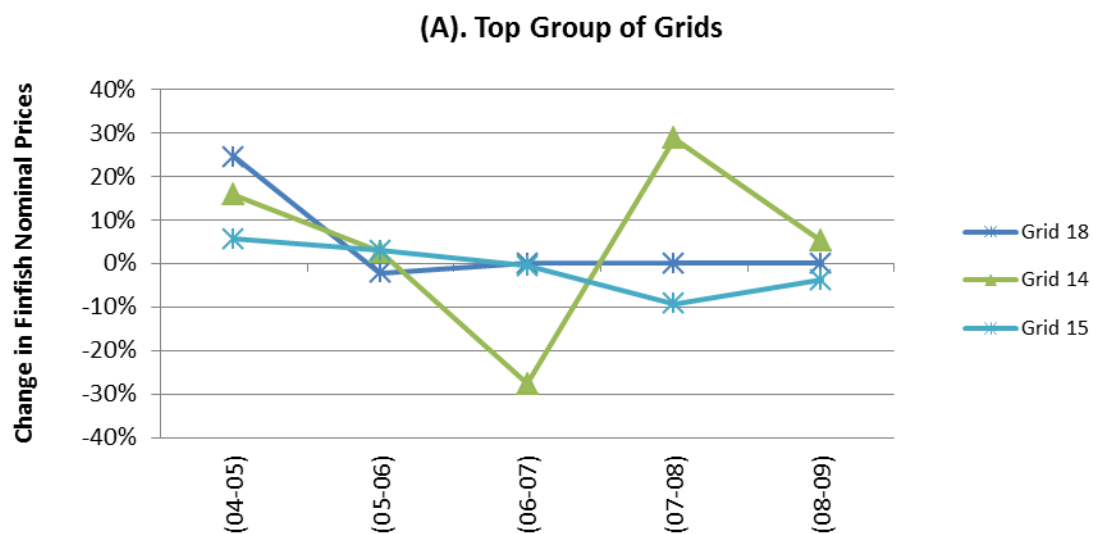
Figure 4.14 Changes in Average Nominal Dockside Prices of Finfish (by LWDF Trip Ticket Basins) following the 2005 and 2008 Hurricanes

\$1.15 to \$0.89 per pound) and Ouachita River Basin with a decrease of 20.5 percent (from \$0.39 to \$0.31). The average prices of finfish harvested from Calcasieu River, Vermilion-Teche River and Terrebonne Basins increased by 21.5 percent (from \$0.79 in 2004 to \$0.96 in 2005), 12.5 percent (from \$0.48 in 2004 to \$0.54 in 2005) and 0.6 percent (from \$1.57 in 2004 to \$1.58 in 2005), respectively due to Katrina and Rita.

Following hurricanes Gustav and Ike, the largest decline (33.1 percent) in the average prices per pound (from \$1.51 in 2007 to \$1.01 in 2008) occurred for finfish caught from the Pearl River Basin. This is followed by Ouachita River Basin with a decrease of 5.7 percent (from \$0.53 to \$0.50) and Barataria Basin with a decrease of 4.5 percent (from \$0.88 to \$0.84). However, many of the basins saw a positive change in the average nominal prices of finfish harvested from their waters. Prominent among these basins were Sabine River Basin (23.2 percent), Mermentau River Basin (9.8 percent) and Terrebonne Basin (8.0 percent).

Figure 4.15 shows the total average nominal dockside prices per pound of finfish harvested from the top federal grids. Among the major grids, the percent change in price per pound of finfish due to Katrina and Rita was negative only for Grid 16 but positive for all other grids. Specifically, the total average dockside price per pound of finfish declined from 2004 to 2005 by 12.8 percent for Grid 16 (from \$1.49 to \$1.30) but was up by 24.5 percent for Grid 18 (from \$1.51 to \$1.88), 15.8 percent for Grid 14 (from \$1.58 to \$1.83), 5.6 percent for Grid 15 (from \$1.60 to \$1.69).

The percent change in the average dockside prices of a pound of finfish between 2007 and 2008 following Gustav and Ike was positive for all federal water grids except Grids 15 and 16. The average price per pound of finfish associated with Grids 15 and 16 fell by 9.2 percent (from \$1.73 to \$1.57) and 1.2 percent (from \$1.72 to \$1.70), respectively. Leading the group of



Source: Appendix Table I.11. See Appendix Figure I.5 for the hurricanes effects on the average real dockside prices of finfish by Grid.

Figure 4.15 Changes in the Average Nominal Dockside Prices of Finfish (by NMFS Grid) following the 2005 and 2008 Hurricanes

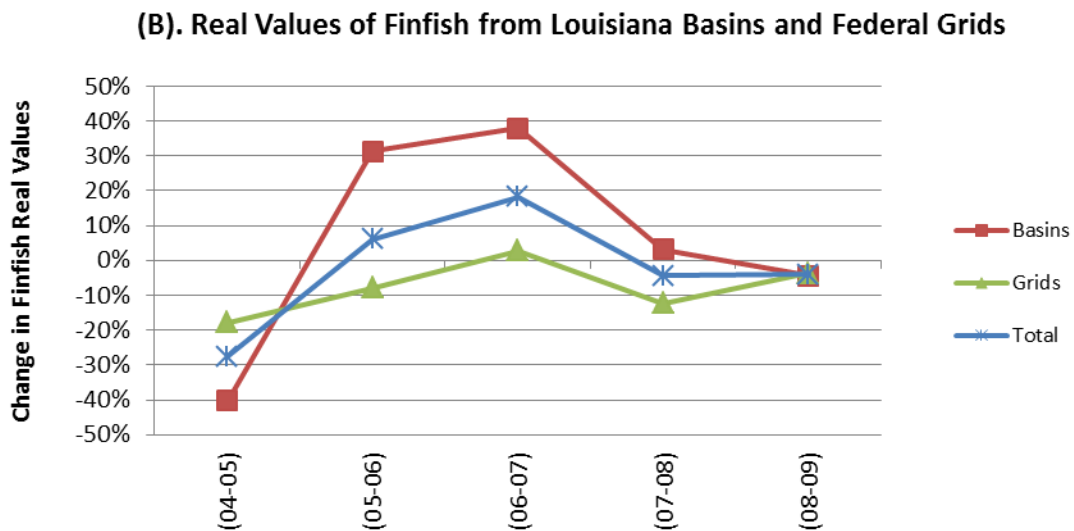
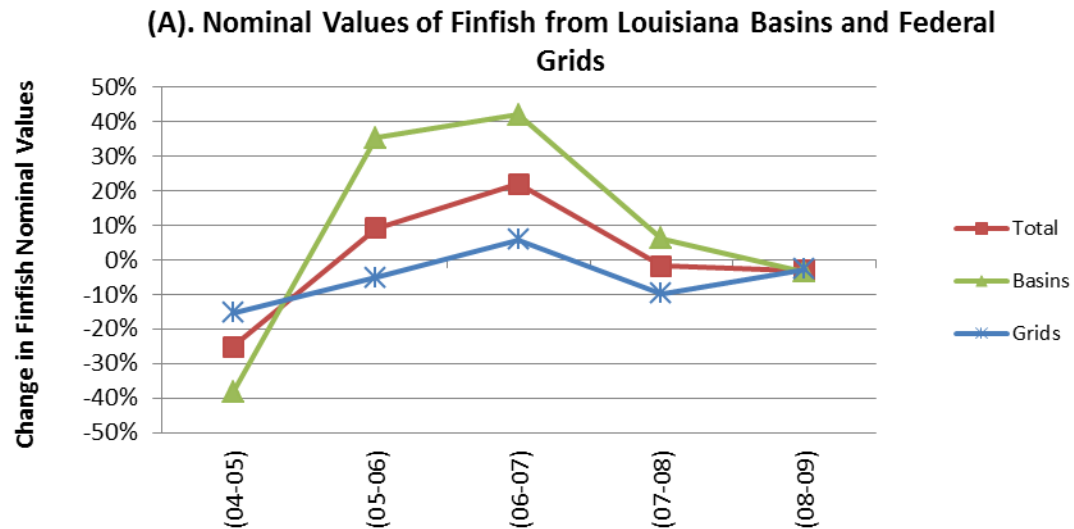
grids whose associated finfish price per pound experienced a positive change were Grids 14, 17 and 13. The average dockside price of finfish per pound went up by 28.7 percent for Grid 14 (from \$1.36 to \$1.75), by 18.1 percent for Grid 17 (from \$1.38 to \$1.63) and by 5.2 percent for Grid 13 (from \$1.72 to \$1.81).

4.2.3.3 Change in Dockside Values of Finfish by Basin and Grid

Figure 4.16, Figure 4.17 and Figure 4.18 show the bilateral comparisons of the probable effects of hurricanes Katrina and Rita (2005) and Gustav and Ike (2008) on the dockside values of finfish harvested in total or by block of fishing areas from 2004 through 2009. Similar to previous sections, a change below (above) zero percent indicates a decline (rise) in dockside value in a year compared to the previous year. See Appendix Tables D.13 and D.14 for the shares of the dockside values of finfish harvested from the Louisiana basins and federal grids.

Figure 4.16 shows the changes in the total nominal dockside values of finfish (Plot A) and the total real (in 2005 dollar) dockside values of finfish (Plot B) harvested from the basins and grids. Following hurricanes Katrina and Rita, a negative net change in all finfish values was recorded regardless of the fishing areas. The nominal dockside values of finfish from Louisiana water basins declined by 38.4 percent from \$28.5 million in 2004 to \$17.6 million in 2005, while the nominal dockside values of finfish from the federal water grids declined by 15.3 percent from \$37.4 million (2004) to \$31.7 million (2005).

The net loss in total nominal dockside value of finfish associated with the grids following Gustav and Ike was 9.9 percent (from \$31.8 million in 2007 to \$28.6 million in 2008). However, after Gustav and Ike, there was a net gain of 6.1 percent for the total nominal dockside value of finfish harvested from state water basins from \$33.7 million (2007) and \$35.8 million (2008). Combining the nominal dockside values of finfish associated with both basins and grids



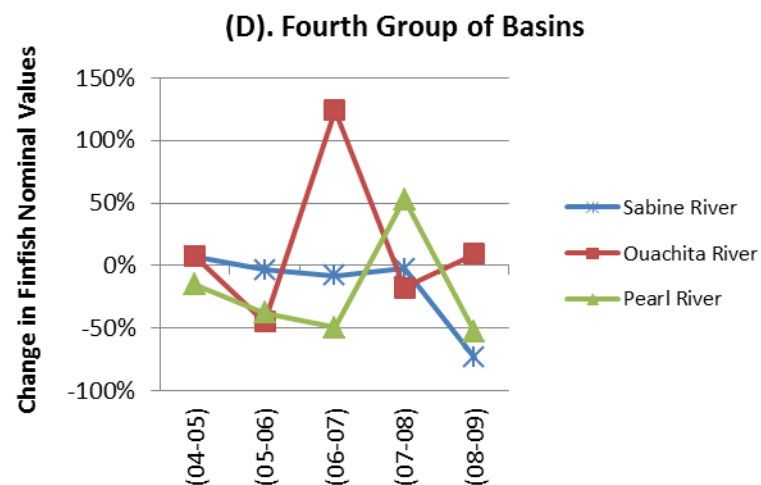
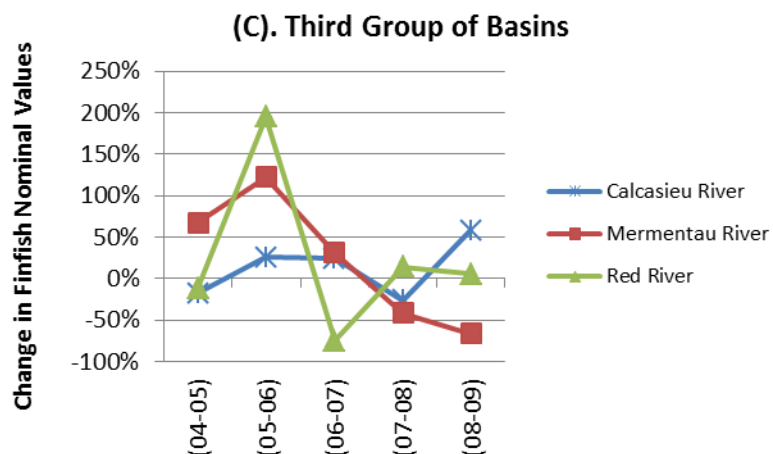
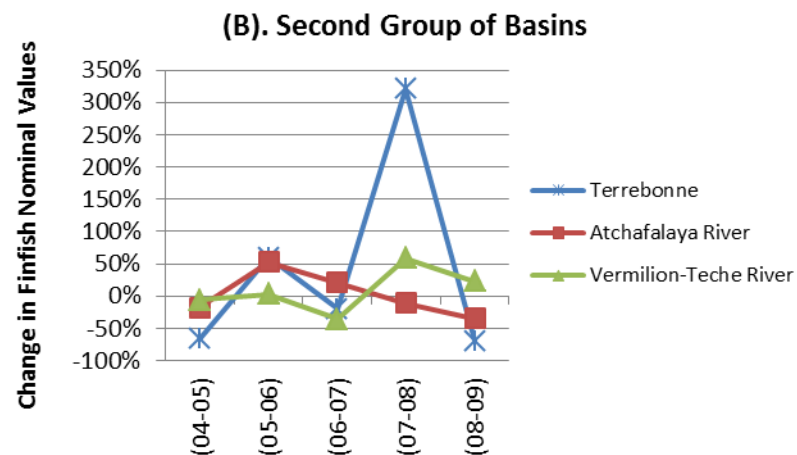
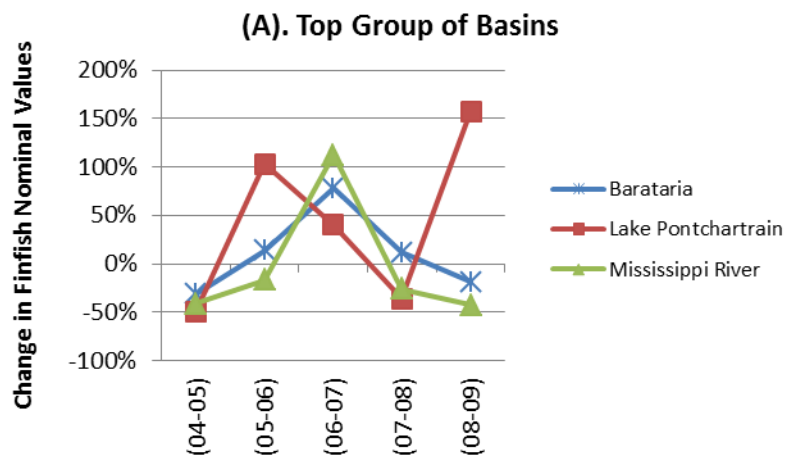
Source: Appendix Table I.13 and I.14.

Figure 4.16 Changes in the Shares of Dockside Values of Finfish from LDWF Trip Ticket Basins and NMFS Grids following the 2005 and 2008 Hurricanes

indicated that there was a greater net decrease of 25.2 percent in 2005 (from \$65.9 million in 2004) following Katrina and Rita compared to Gustav and Ike with a decrease of 1.8 percent in 2008 (from \$65.6 million in 2007).

The changes in the total nominal dockside values of finfish associated with the individual Louisiana basins due to hurricanes are shown in Figure 4.17, Plots A to D. Katrina and Rita preceded declines in the values of finfish harvested from all basins between 2004 and 2005 except for Mermentau, Sabine and Ouachita River Basins. The percent declines in actual dockside values of finfish in 2005 were higher for Terrebonne Basin (66.8 percent from \$4.1 million), Lake Pontchartrain Basin (50.1 percent from \$6.2 million), and Mississippi River Basin (41.1 percent from \$4.7 million). In contrast, the actual dockside values of finfish in 2005 rose by 67.2 percent for Mermentau River Basin (from \$150,719) and by an equal percentage (7.2 percent) for Sabine (from \$251,556) and Ouachita Basins (from \$153,089).

Following hurricanes Gustav and Ike, declines in the nominal dockside values were observed for finfish harvested from the Mermentau River, Lake Pontchartrain as well as the Calcasieu and Mississippi River Basins, while nominal dockside values of finfish from the Terrebonne, Vermilion-Teche River and Pearl River Basins increased. Actual values of finfish associated with Mermentau Basin fell in 2008 by 42.0 percent from \$732,820 in the previous year, followed by Lake Pontchartrain whose finfish values fell by 36.3 percent (from \$8.9 million). Likewise, the worth of finfish associated with the Calcasieu and Mississippi River Basins dropped in 2008 by 26.2 (from \$641,704) and 26.0 percent (from \$4.9 million), respectively. Conversely, the nominal dockside values of finfish increased in 2008 by 320.3 percent (from \$1.7 million) for Terrebonne Basin, by 58.3 percent (from \$741,867) for Vermilion-Teche River Basin and by 52.8 percent (from \$4,734) for Pearl River Basin.



Source: Appendix Table I.13. See Appendix Figure I.6 for the hurricanes effects on the real dockside values of finfish by basin.

Figure 4.17 Changes in the Nominal Dockside Values of Finfish (by LWDF Trip Ticket Basins) following the 2005 and 2008 Hurricanes

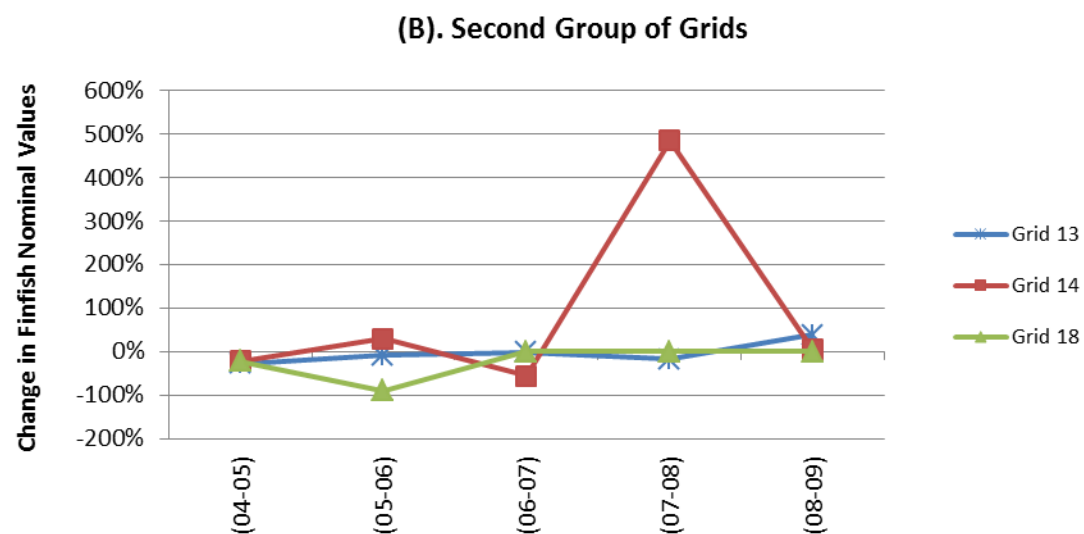
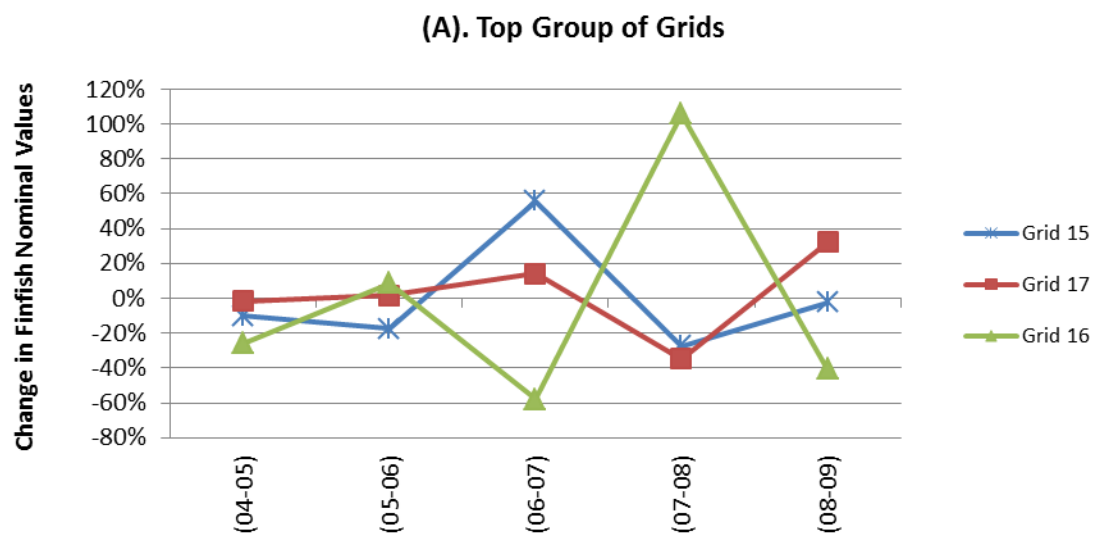
Figure 4.18 shows the changes, which occurred in the total nominal dockside values of finfish associated with the individual federal grids after hurricanes Katrina and Rita (2005) and Gustav and Ike (2008). Plots A and B (Figure 4.18) shows that the nominal dockside value of finfish from all grids fell from 2004 to 2005 following Katrina and Rita. Top among the major grids with the percent decline in finfish values were Grid 13 (27.5 percent down from \$2.5 million), Grid 16 (25.9 percent fall from \$11.0 million) and Grid 18 (22.6 percent decline from \$64,458).

In contrast to the aftermath of hurricanes Katrina and Rita, Gustav and Ike resulted in negative effects to federal grids such as Grids 17, 15 and 13 but positive effects to Grids 14 and 16. Specifically, nominal dockside values of finfish declined by 34.7 percent from \$ 9.6 million in 2007 to \$6.3 million in 2008 for Grid 17, while it declined by 27.3 percent from \$16.6 million to \$12.0 million for Grid 15 and by 17.9 percent from \$1.6 million to \$1.4 million for Grid 13. On other hand, the finfish values rose by 484.6 percent for Grid 14 (from \$228,783 to \$1.3 million) and by 105.7 percent for Grid 16 (from \$3.7 million to \$7.7 million).

4.3 Changes in Performance Indicators per Fisherman by Species Type

This section presents the changes, following hurricanes Katrina and Rita (2005) and Gustav and Ike (2008), in finfish landed per fisherman as well as the dockside values of the finfish landings per fisherman. Specifically, it compares the total landings per fisherman and total dockside values per fisherman between freshwater and saltwater species as well as the grand total.

Among the total number of fishermen who reported that they landed finfish, a smaller proportion reported landing either freshwater finfish or saltwater finfish. It is not surprising, therefore, if the average total measure changes in opposite direction to an individual species type.



Source: Appendix Table I.13. See Appendix Figure I.7 for the hurricanes effects on the real dockside values of finfish by Grid.

Figure 4.18 Changes in the Nominal Dockside Values of Finfish (by NMFS Grid) following the 2005 and 2008 Hurricanes

A change below (above) zero percent indicates a decline (rise) in landings in a year compared to the previous year.

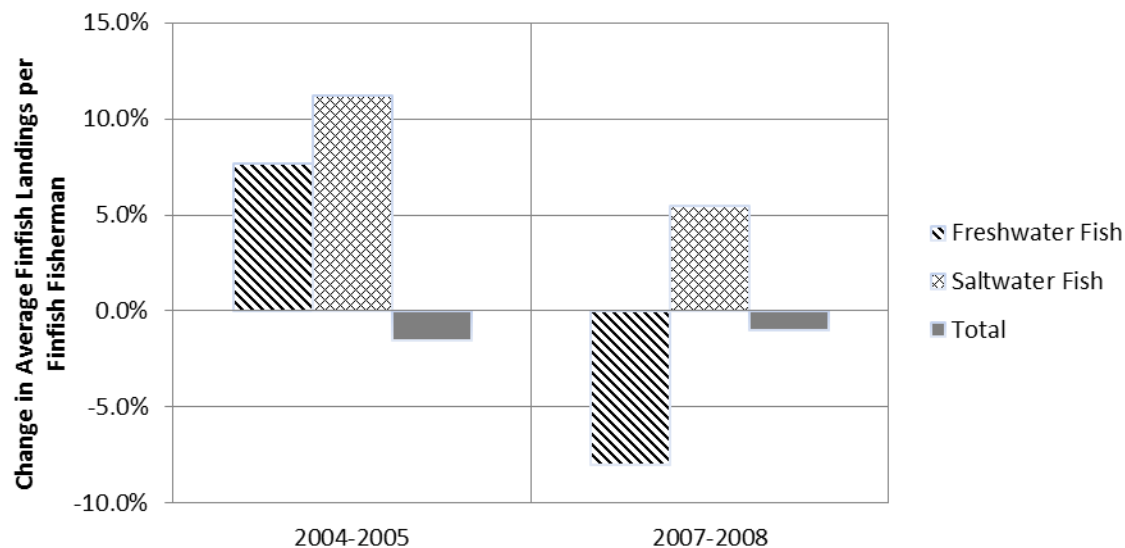
4.3.1 Change in Average Finfish Landings per Fisherman by Species Type

Figure 4.19 shows the changes in the average finfish landings per fisherman by finfish species type (i.e., freshwater and saltwater finfish) following Katrina and Rita in 2005 as well as Gustav and Ike in 2008. From 2004 to 2005, a period characterized by Katrina and Rita, the average volume of freshwater finfish landed per freshwater finfish fishermen rose by 7.7 percent from 13,684 pounds to 14,734 pounds. Likewise, the average volume of saltwater finfish landed per saltwater finfish fishermen rose by 11.2 percent from 691,156 to 768,730 pounds. However, the total volume of finfish landed per finfish fisherman, regardless of species type, dropped by 1.5 percent from 445,208 pounds to 438,431 pounds during the same period.

Between 2007 and 2008, the volume of freshwater finfish landed per freshwater finfish fishermen declined by 8.1 percent (from 18,247 to 16,778 pounds) following Gustav and Ike, while the total finfish per finfish fishermen declined by 1.0 percent (from 552,676 to 546,910 pounds). In the same period, however, the volume of finfish landed per finfish fisherman rose by 5.4 percent from approximately 906,544 pounds to 955,867 pounds.

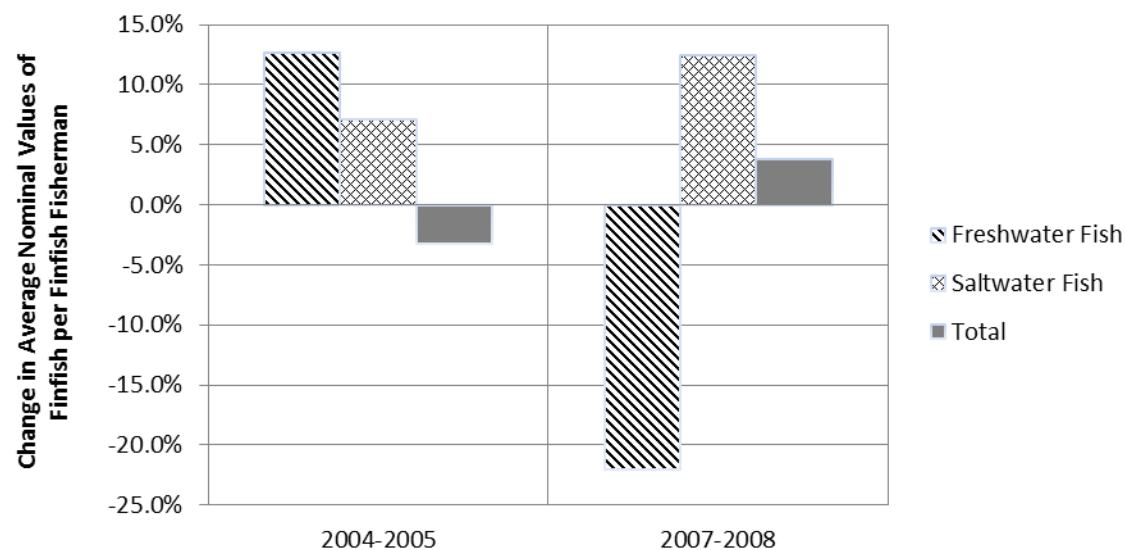
4.3.2 Change in Average Dockside Values of Finfish per Fisherman by Species Type

Figure 4.20 shows the changes, which occurred in the average nominal dockside values of finfish landed per finfish fisherman by species type (i.e., freshwater and saltwater finfish). The patterns in Figure 4.20 are slightly different than the patterns in Figure 4.19. For example, the change in the average nominal dockside value of freshwater finfish per freshwater finfish fisherman was lower than that of saltwater finfish per saltwater finfish fisherman. Specifically,



Source: Appendix Table J.1.

Figure 4.19 Changes in the Average Finfish Landings per Finfish Fisherman (by Species Type) following the 2005 and 2008 Hurricanes



Source: Appendix Table J.2.

Figure 4.20 Changes in the Average Nominal Dockside Values of Finfish per Finfish Fisherman (by Species Type) following the 2005 and 2008 Hurricanes

average nominal dockside value of freshwater finfish per freshwater fisherman rose by 12.7 percent from \$4,620 in 2004 to \$5,206 in 2005 after Katrina and Rita, while the average dockside value of saltwater finfish rose by 7.1 percent from \$48,404 to \$51,825). The total average value of finfish also fell by 3.2 percent from \$32,779 to \$31,721 per finfish fisherman.

In the aftermath of hurricanes Gustav and Ike, there was a 22.1 percent decline in the average nominal dockside value of freshwater finfish per freshwater finfish fisherman (i.e., from \$7,806 in 2007 to \$6,083 in 2008). However, the nominal dockside value of saltwater finfish per saltwater finfish fisherman as well as the total nominal dockside value of all finfish combined per finfish fisherman rose by 12.4 percent (from \$68,128 to \$76,585) and 3.8 percent (from \$44,490 to \$46,173), respectively.

4.4 Recovery of Finfish Fishery in the Aftermath of Hurricanes

This section traces the trends for important indicators in the finfish fishery from 2004 to 2009 to identify the nature and speed of recovery in the aftermath of hurricanes occurrences. Such indicators include indicators of participation and activities as well as performance indicators like changes in finfish landings, average dockside prices and dockside values.

4.4.1 Recovery of Participation and Activities in the Finfish Fishery

Examination of participation and activities indicators in the finfish fishery following the hurricanes suggests that the length of the lag between hurricane occurrences and the beginning of the recovery process may be related to the intensity of the hurricanes and the extent of damages caused by them. For example, in the aftermath of Katrina and Rita, which are category 3 hurricanes, it took up to two to four years before finfish fishery started showing a sign of recovery. Specifically, the number of fishermen who landed finfish (regardless of species or

regions) and the number of seafood dealers who purchased finfish among other seafood made upward turns in 2006 (i.e., two years after the hurricanes), while it took three years or more for the number and length of trips taken when finfish was landed to signal some recovery. The recovery process after Katrina and Rita was punctuated by Gustav and Ike in 2008 but showing a sign of recovery for majority of the indicators a year after (2009).

4.4.2 Recovery of Performances in the Finfish Fishery

Examination of performance indicators in the finfish fishery following the hurricanes suggests that the length of the lag between hurricane occurrences and the beginning of the recovery process may not only be dependent on the intensity of the hurricanes and the extent of damages caused but also on the closeness between hurricanes occurrences. From section 4.2, finfish landings and the dockside values of finfish appears to pick up a year after Katrina and Rita, which hit Louisiana in 2005, regardless of finfish species, fishermen's regions of residence or the Louisiana basins or federal from where the finfish are harvested. This recovery continues for two or three years, sometimes rapidly and sometimes slowly, until it was punctuated by Gustav and Ike in 2008.

The recovery process was slightly different for the average dockside prices of finfish than for the finfish landings and dockside values. For example, finfish landings and dockside values appear more predictable and recovery easily identifiable, but the average dockside prices were very erratic during the period, making identification of recovery in the aftermath of hurricanes difficult. However, the average dockside prices of freshwater finfish were high during Katrina and Rita but declined almost immediately thereafter, while the average dockside prices for saltwater finfish were low in the year of Katrina and Rita but took an upward turn thereafter. Also, the average dockside prices of finfish harvested from Louisiana basins appear to be low in

the year hurricanes devastated the Gulf States but picked up usually a year later, while the average dockside prices of finfish harvested from the federal grids were high but declined usually a year after.

The individual effects of factors, other than hurricane occurrences, which have militated against recovery of the finfish fishery since 2005, are difficult to isolate. However, repeated occurrences of hurricanes or other storms of lesser intensity during the recovery process, such as Gustav and Ike in 2008, might have triggered a combination of these factors to induce silent shocks that slow down or extend the span of the recovery process.

Appendix A - Participation and Activities in All Finfish Fishery

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Table A.1 Number of Finfish Fishermen and Dealers by Species Type, 2000 – 2009

Species Type	Number of Fishermen Who Landed at Least a Pound of Finfish										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Freshwater Fish	1,148	1,023	938	840	878	798	637	677	693	670	830
Saltwater Fish	1,802	1,544	1,330	1,176	1,278	871	808	885	786	896	1,138
Total	2,711	2,376	2,122	1,880	2,011	1,554	1,365	1,474	1,395	1,484	1,837
Species Type	Number of Dealers Who Purchased at Least a Pound of Finfish										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Freshwater Fish	233	218	222	234	272	221	193	216	201	218	223
Saltwater Fish	143	123	115	121	130	100	97	88	79	77	107
Total	317	296	299	322	356	291	266	276	255	266	294

Table A.2 Number of Fishermen Who Landed Finfish by Fisherman License Type, 2000 - 2009

Fisherman License Type	Number of Finfish Fishermen										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Resident Commercial Fishermen	2,377	2,143	1,911	1,694	1,831	1,393	1,185	1,291	1,218	1,287	1,633
Non-Resident Commercial Fishermen	285	199	189	169	155	101	100	107	89	96	149
Alien Commercial Fishermen	58	0	0	0	0	0	0	0	0	0	58
Senior Commercial Fishermen & Gear	0	0	0	0	0	41	66	63	70	78	64
Unspecified	49	34	22	17	25	19	14	13	18	23	23
Total	2,711	2,376	2,122	1,880	2,011	1,554	1,365	1,474	1,395	1,484	1,837

Note: The average was based on the number of non-zero entries in individual license type. Resident commercial fishermen constituted 88.9 percent of the all fishermen who landed finfish in the period between 2000 and 2009.

Table A.3 Number of Fishermen Who Landed Finfish by Place of Residence, 2000 – 2009

Parish	Number of Finfish Fishermen										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Plaquemines	376	351	331	293	328	198	137	157	136	155	246
Jefferson	344	318	274	224	251	181	145	168	174	206	229
St Mary	201	154	137	131	160	132	111	94	113	115	135
Out of state	217	181	167	157	143	89	86	93	76	88	130
Lafourche	180	163	134	113	136	109	98	103	81	90	121
Terrebonne	146	151	132	103	148	98	92	102	65	74	111
Cameron	146	102	65	92	86	54	78	84	66	78	85
St Bernard	148	125	97	95	62	22	33	45	33	26	69
Iberville	70	74	61	77	78	76	59	52	68	56	67
Orleans	105	91	90	74	59	48	25	36	31	34	59
Assumption	89	61	64	53	47	45	51	39	46	48	54
Avoyelles	58	52	71	52	50	58	52	58	45	46	54
St Martin	55	49	53	48	49	62	55	52	61	37	52
Calcasieu	79	58	45	30	33	36	47	35	54	57	47
St Charles	69	64	52	47	41	37	23	34	24	21	41
Iberia	33	30	19	24	33	49	31	42	40	40	34
St Landry	29	34	42	39	43	38	27	26	38	25	34
Vermilion	47	33	28	21	28	21	26	28	29	27	29
St Tammany	25	26	27	20	14	18	18	41	40	53	28
Concordia	26	25	24	23	23	16	19	14	16	23	21
St James	24	22	16	15	17	15	12	14	12	12	16
Catahoula	28	16	15	9	9	7	11	9	9	14	13
Pointe Coupee	10	11	17	14	14	8	7	12	9	14	12

Table A.3 Number of Fishermen Who Landed Finfish by Place of Residence, 2000 – 2009 (Continued)

Parish	Number of Finfish Fishermen										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Tangipahoa	12	12	11	10	14	9	7	9	11	16	11
Rapides	15	14	14	9	8	11	10	-	5	5	9
Ascension	5	8	8	6	12	10	5	6	5	8	7
Livingston	7	13	7	6	4	5	7	4	6	12	7
Caddo	7	8	7	6	9	5	6	7	8	6	7
Lafayette	11	8	5	5	5	8	5	7	7	6	7
Jefferson Davis	7	6	10	8	7	4	5	10	-	5	7
Sabine	15	10	6	4	7	4	4	4	-	-	6
Beauregard	11	7	5	-	4	4	5	7	4	6	6
Union	-	4	-	-	5	9	5	6	6	6	5
Desoto	4	5	6	5	5	4	5	5	-	-	5
East Baton Rouge	5	4	4	4	7	5	-	4	-	-	4
Acadia	4	-	4	6	-	4	-	-	-	6	4
West Baton Rouge	-	4	-	4	4	6	4	-	6	-	4
St John	-	5	5	-	4	-	-	-	-	-	-
Bossier	-	4	4	4	-	-	-	-	6	-	-
Natchitoches	0	-	-	-	5	-	5	5	-	-	-
Washington	-	-	-	-	-	-	4	-	-	8	-
Ouachita	-	-	-	-	-	-	4	-	5	-	-
Evangeline	4	4	4	4	-	-	-	-	-	0	-
Bienville	-	-	-	-	-	-	-	-	-	-	-
Franklin	-	-	-	-	-	-	-	4	-	4	-
Caldwell	6	-	-	-	-	-	0	-	-	-	-
La Salle	7	-	-	-	0	0	-	-	0	0	-

Table A.3 Number of Fishermen Who Landed Finfish by Place of Residence, 2000 – 2009 (Continued)

Parish	Number of Finfish Fishermen										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Winn	-	-	-	0	-	-	-	-	-	-	-
Richland	-	-	4	0	0	-	-	-	-	-	-
East Feliciana	-	-	-	-	-	-	-	-	-	0	-
Webster	-	-	4	-	-	0	0	-	0	0	-
Morehouse	0	0	-	-	-	-	-	-	-	-	-
Lincoln	0	-	-	0	-	-	-	-	-	-	-
West Feliciana	0	-	-	0	-	-	-	-	-	-	-
Grant	-	-	-	-	-	-	0	0	0	0	-
Red River	0	0	-	-	-	-	-	-	-	-	-
West Carroll	-	-	0	0	-	-	-	0	0	-	-
Allen	-	-	0	-	-	0	0	-	0	0	-
Tensas	-	-	0	0	0	0	-	-	-	-	-
East Carroll	4	-	0	0	0	0	0	0	0	-	-
Madison	-	-	0	0	-	0	-	0	0	0	-
Vernon	0	0	-	-	0	0	0	0	-	0	-
Claiborne	0	0	0	0	0	0	0	-	0	0	-
Jackson	0	0	0	0	0	-	0	0	0	0	-
Unspecified	49	34	22	17	25	19	14	13	18	23	23
Total	2,711	2,376	2,122	1,880	2,011	1,554	1,365	1,474	1,395	1,484	1,837

Note: The hyphens indicate that the values are less than four (4) and are therefore omitted for confidentiality reasons. Likewise, parishes having a total average that is less than 4 were also hyphenated. The average was based on the number of non-zero entries in individual parish.

Table A.4 Number and Length of Trips Associated with Finfish Landings by Species Type, 2000 - 2009

Species Type	Total Number of Finfish Fishing Trips										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Freshwater Fish	35,314	33,414	35,771	32,625	33,732	31,344	30,867	31,025	28,467	27,251	31,981
Saltwater Fish	46,957	38,876	40,258	40,755	42,683	25,493	22,625	22,067	19,710	22,907	32,233
Total	82,271	72,290	76,029	73,380	76,415	56,837	53,492	53,092	48,177	50,158	64,214
	Number of Finfish Fishing Trips per Finfish Fisherman										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Freshwater Fish	31	33	38	39	38	39	48	46	41	41	39
Saltwater Fish	26	25	30	35	33	29	28	25	25	26	28
Total	30	30	36	39	38	37	39	36	35	34	35
	Total Length of Fishing Trips (in Hours)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Freshwater Fish	570,974	423,082	451,308	381,518	402,969	424,555	515,475	466,116	380,920	372,024	438,894
Saltwater Fish	2,979,484	2,311,345	2,731,428	2,824,812	2,861,169	1,926,678	1,507,199	1,879,996	1,577,408	1,825,620	2,242,514
Total	3,550,458	2,734,427	3,182,736	3,206,330	3,264,138	2,351,233	2,022,674	2,346,112	1,958,328	2,197,644	2,681,408
	Average Length of Fishing Trip per Finfish Fisherman (in Hours)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Freshwater Fish	15.6	12.3	12.4	11.5	11.7	13.3	16.5	14.9	13.4	13.6	13.5
Saltwater Fish	61.9	58.2	66.8	68.1	66.1	75.0	66.0	84.2	80.0	79.7	70.6
Total	41.9	36.9	41.2	43.0	42.1	40.8	37.4	43.8	40.6	43.8	41.2

Note: Trips or length of trip per finfish fisherman for a species type was calculated by dividing the total number of trips or trip length for that species by the number of fishermen who reported that they harvested the particular species.

Table A.5 Number of Finfish Fishing Vessels by Type of Registration, 2000 – 2009

Registration Type	Number of Finfish Fishing Vessels										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
U.S. Coast Guard	567	507	481	410	393	301	252	289	235	228	366
Louisiana	3,823	2,721	1,785	1,649	1,712	1,338	1,155	1,259	1,234	1,299	1,798
Non-Louisiana States	313	195	30	35	32	16	20	22	19	29	71
Total	4,703	3,423	2,296	2,094	2,137	1,655	1,427	1,570	1,488	1,556	2,235

Table A.6 Number of Fishing Vessels by Finfish Species Type, 2000 - 2009

Species Type	Number of Finfish Fishing Vessels										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Freshwater Fish	2,297	1,627	994	930	903	832	668	718	742	701	1,041
Saltwater Fish	2,669	1,999	1,426	1,295	1,384	934	826	938	816	929	1,322
Total	4,703	3,423	2,296	2,094	2,137	1,655	1,427	1,570	1,488	1,556	2,235

Table A.7 Number of Finfish Fishing Vessels by Type of Vessel License, 2000 – 2009

	Number of Finfish Fishing Vessels										
Vessel License Type	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Resident Vessel License	1,209	1,085	1,004	917	1,002	702	579	710	642	629	848
Non-Resident Vessel License	111	99	92	78	70	42	53	54	47	39	69
Alien Vessel License	33	0	0	0	0	0	0	0	0	0	3
Unspecified	3,350	2,239	1,200	1,099	1,065	911	795	806	799	888	1,315
Total	4,703	3,423	2,296	2,094	2,137	1,655	1,427	1,570	1,488	1,556	2,235

Note: The average was based on the number of non-zero entries in individual license type.

Table A.8 Number of Finfish Fishing Vessels by Owner's Place of Residence, 2000 – 2009

Parish	Number of Finfish Fishing Vessels										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Plaquemines	279	263	256	221	273	160	100	134	127	118	193
Jefferson	204	196	173	157	196	138	114	135	123	137	157
St Mary	119	87	85	87	95	74	70	64	72	73	83
Lafourche	94	90	74	68	81	59	48	54	46	37	65
Terrebonne	80	83	80	62	84	55	47	59	37	43	63
Out of state	108	89	79	71	65	34	47	49	43	36	62
St Bernard	93	71	63	72	46	11	20	32	20	20	45
Cameron	82	52	33	51	48	24	36	39	27	25	42
Orleans	45	42	45	36	30	19	12	22	18	15	28
Iberia	22	21	16	14	25	32	18	32	28	20	23
Calcasieu	39	21	25	16	15	18	26	21	27	19	23
St Charles	38	33	31	30	18	18	9	14	12	10	21
St Tammany	15	15	23	11	11	14	10	27	25	33	18
Assumption	25	25	24	20	15	15	10	8	11	8	16
St Martin	17	14	13	10	10	13	10	13	14	10	12
St Landry	13	13	16	12	14	12	9	10	9	10	12
Vermilion	22	14	11	10	7	7	9	11	13	12	12
Tangipahoa	6	9	9	9	12	8	5	8	9	11	9
Iberville	10	11	10	11	7	6	5	6	6	6	8
St James	9	-	4	-	-	4	-	-	-	4	4
Avoyelles	-	4	-	-	-	-	4	4	-	-	-
Acadia	-	-	-	4	-	-	-	-	0	0	-
Evangeline	-	-	-	-	-	0	-	0	-	0	-
Jefferson Davis	-	-	-	-	0	-	-	6	0	-	-
Pointe Coupee	-	-	-	5	-	-	-	-	0	-	-

Table A.8 Number of Finfish Fishing Vessels by Owner's Place of Residence, 2000 – 2009 (Continued)

Parish	Number of Finfish Fishing Vessels										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Ascension	-	4	-	-	-	-	-	-	-	-	-
Lafayette	7	4	-	-	0	-	0	-	-	-	-
Washington	-	-	0	0	0	-	-	-	-	5	-
St John	-	-	-	-	-	-	-	-	-	-	-
Livingston	-	-	-	-	-	-	-	-	-	-	-
Beauregard	-	-	-	-	-	-	-	0	-	-	-
West Baton Rouge	-	-	-	-	0	-	0	0	-	0	-
East Baton Rouge	-	-	-	0	-	-	-	-	-	0	-
Catahoula	-	-	-	-	-	-	-	0	0	0	-
Concordia	0	-	-	-	0	0	-	0	-	-	-
East Feliciana	0	0	0	-	-	-	-	-	0	0	-
Franklin	0	0	0	0	0	0	0	0	0	-	-
Ouachita	0	0	0	0	0	0	-	0	0	0	-
Vernon	0	0	0	0	0	0	0	0	-	0	-
West Carroll	0	0	0	0	0	-	0	0	0	0	-
West Feliciana	0	-	0	0	0	0	0	0	0	0	-
Allen	-	-	0	0	0	0	0	-	0	0	-
Rapides	0	0	0	-	0	-	0	0	0	0	-
Unspecified	3,350	2,239	1,200	1,099	1,065	911	795	806	799	888	1,315
Total	4,703	3,423	2,296	2,094	2,137	1,655	1,427	1,570	1,488	1,556	2,235

Note: The hyphens indicate that the values are less than four (4) and are therefore omitted for confidentiality reasons. Likewise, parishes having a total average that is less than 4 were also hyphenated. The average was based on the number of non-zero entries in individual parish.

Table A.9 Number of Finfish Fishing Vessels by Vessel Length Category, 2000 – 2009

Vessel Length	Number of Finfish Fishing Vessels										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
<i>Specified:</i>	<i>1,353</i>	<i>1,184</i>	<i>1,096</i>	<i>995</i>	<i>1,072</i>	<i>743</i>	<i>632</i>	<i>764</i>	<i>689</i>	<i>667</i>	<i>920</i>
19 Feet or Less	376	309	283	261	284	203	158	178	161	165	238
20 - 24 Feet	288	236	219	228	220	193	143	172	160	143	200
25 - 30 Feet	173	143	134	135	122	70	74	96	84	93	112
31 - 50 Feet	324	307	285	223	315	175	182	225	211	226	247
51 - 65 Feet	109	109	108	75	78	62	39	46	38	24	69
66 Feet and Above	83	80	67	73	53	40	36	47	35	16	53
<i>Unspecified</i>	<i>3,350</i>	<i>2,239</i>	<i>1,200</i>	<i>1,099</i>	<i>1,065</i>	<i>911</i>	<i>795</i>	<i>806</i>	<i>799</i>	<i>888</i>	<i>1,315</i>
Total	4,703	3,423	2,296	2,094	2,137	1,654	1,427	1,570	1,488	1,555	2,235

Note: Foot length was specified only for an average of 43.6 percent of fishing vessels, which landed finfish.

Table A.10 Number of Finfish Fishermen by Fishing Gear Used, 2000 – 2009

Gear Type	Number of Finfish Fishermen										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Trot Lines	728	543	466	437	549	464	377	364	323	384	464
Hoop & Fyke Nets, Fish	474	470	435	333	365	337	304	281	254	231	348
Skimmer Nets	516	491	404	250	352	146	163	263	231	338	315
Otter Trawl, Shrimp	534	482	425	320	302	176	149	170	165	165	289
Hand Lines	339	261	260	266	309	238	121	170	179	169	231
Gillnets, Strike	359	293	242	292	228	111	157	128	123	81	201
Gillnets, Stake	216	146	114	123	129	157	146	105	151	113	140
Dip Nets	53	71	82	140	117	113	67	110	126	98	98
Electric Or Hydraulic Reel	92	93	96	86	91	54	61	42	41	38	69
Longline, Surface	70	69	56	68	57	48	42	42	39	35	53
Mannual Reel	99	78	64	56	69	59	31	17	7	9	49
Pots & Traps, Crab	57	36	33	44	36	24	44	58	58	74	46
Rod & Reel	104	65	62	53	53	30	19	24	14	22	45
Otter Trawl, Fish	91	59	51	69	55	32	18	29	14	21	44
Butterfly Nets	98	33	30	27	26	10	44	45	56	58	43
Trammel Nets	54	56	34	38	51	45	20	30	26	30	38
Purse Seine, Menhaden	38	35	37	33	36	36	32	36	34	36	35
Pots & Traps, Fish	33	34	37	40	46	39	23	30	23	28	33
Longline, Bottom	72	62	45	37	31	17	11	11	7	8	30
Troll Lines	45	31	7	22	40	23	30	32	26	43	30
Cans, Buckets, Pipes, Drums, Tires	15	32	20	9	9	16	17	21	22	14	18
Haul Seine	18	17	13	17	16	9	18	16	15	20	16
Wire Nets	18	24	12	10	12	19	14	7	9	4	13
Slat Traps	22	23	11	4	9	5	8	10	12	7	11

Table A.10 Number of Finfish Fishermen by Fishing Gear Used, 2000 – 2009 (Continued)

Gear Type	Number of Finfish Fishermen										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Spears & Gigs	8	7	8	7	5	10	9	9	7	22	9
By Hand	-	-	6	6	7	5	7	11	-	5	5
Cast Nets	4	6	-	5	7	7	-	-	-	7	5
Purse Seine, Other	5	6	0	0	-	-	-	-	4	5	4
Other	8	6	6	-	-	6	-	-	-	5	4
Unspecified	25	8	10	-	-	-	-	-	-	-	5

Note: Other includes gear such as crawfish pots and traps, bush lines, Eel pots and traps, etc. A hyphen means that the number is removed because it violates confidentiality laws. The average was based on the number of non-zero entries in individual gear type.

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Appendix B - Participation and Activities in Freshwater Finfish Fishery

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Table B.1 Number of Fishermen by Freshwater Finfish Species Landed, 2000 – 2009

Finfish Species	Number of Fishermen										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Blue Catfish	746	639	526	433	461	440	371	371	351	351	469
Channel Catfish (Eel Cat, Willow Cat)	352	363	277	210	262	239	194	156	137	121	231
Buffalo	214	233	222	208	254	238	186	194	197	162	211
Alligator Gar	303	221	229	197	177	153	122	127	125	151	181
Gaspergou (Freshwater Drum)	202	199	179	152	143	130	131	112	99	104	145
Flathead Catfish (Opelousas Cat)	145	131	145	106	130	117	133	105	90	103	121
Bowfin (Grinnel)	170	108	112	112	120	135	130	92	132	68	118
Shad Unclassified	54	67	77	91	80	88	59	84	144	138	88
Common Carp (German Carp)	73	107	92	95	93	102	87	74	65	66	85
Gizzard Shad	42	56	80	112	99	98	53	80	80	95	80
Garfish Unclassified	70	68	71	64	73	56	36	53	51	42	58
Longnose Gar	68	73	62	55	60	54	49	56	48	36	56
Grass Carp	36	50	53	44	46	45	49	45	31	35	43
Minnows	42	46	45	45	53	40	27	32	27	27	38
Bullheads (Mud Cat)	70	44	24	37	42	52	14	36	41	20	38
Bighead Carp	7	17	22	16	12	23	49	43	32	39	26
Spotted Gar	11	7	7	7	5	9	15	12	5	5	8
Shortnose Gar	22	13	4	4	-	8	0	0	-	-	7
Other	7	9	0	5	12	4	13	19	12	4	

Note: Other includes silver carp, freshwater eel, threadfin shad and unspecified species. A hyphen means that the number is removed because it violates confidentiality laws. The average was based on the number of non-zero entries in individual finfish species.

Table B.2 Number of Freshwater Finfish Fishermen by Parish of Residence, 2000 – 2009

Parish	Number of Freshwater Finfish Fishermen										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
St Mary	170	130	118	117	129	99	84	68	90	89	109
Iberville	70	74	61	77	78	76	59	52	68	55	67
Assumption	89	60	64	52	47	45	51	39	46	48	54
Avoyelles	58	52	71	52	50	58	51	58	45	46	54
St Martin	47	46	50	47	47	61	54	51	60	36	50
Plaquemines	73	72	60	61	61	55	12	33	37	30	49
Lafourche	55	65	45	38	54	47	36	40	33	36	45
St Charles	59	58	48	41	32	32	20	27	21	18	36
Terrebonne	50	49	45	33	39	29	28	19	19	30	34
St Landry	25	33	42	39	43	36	24	26	37	25	33
Jefferson	57	47	28	31	33	32	14	12	12	12	28
Concordia	24	22	22	22	20	16	17	14	15	21	19
Vermilion	33	22	20	16	18	13	16	15	20	19	19
Iberia	18	19	9	19	16	17	13	19	21	22	17
Cameron	28	26	16	16	15	13	9	19	12	13	17
Calcasieu	31	20	19	16	11	13	16	17	11	11	17
St James	24	22	16	14	17	15	12	14	12	12	16
St Bernard	21	25	34	10	10	6	-	10	5	7	13
Catahoula	27	15	14	8	8	6	10	9	9	14	12
Pointe Coupee	10	11	17	14	14	8	7	12	9	13	12
Rapides	15	14	14	8	8	11	10	-	5	5	9
Tangipahoa	10	8	7	7	9	7	5	7	7	11	8
Ascension	4	8	8	6	11	9	4	6	4	8	7

Table B.2 Number of Freshwater Finfish Fishermen by Parish of Residence, 2000 – 2009 (Continued)

Parish	Number of Freshwater Finfish Fishermen										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Caddo	7	8	7	6	9	5	5	7	8	6	7
Sabine	14	9	6	4	7	4	4	4	-	-	6
Livingston	6	11	5	6	4	4	5	-	5	7	6
Jefferson Davis	5	4	10	8	6	-	-	6	-	4	5
Desoto	4	5	6	5	5	4	5	5	-	-	5
Lafayette	6	6	4	4	-	4	-	7	5	-	5
Union	-	-	-	-	5	9	5	6	6	6	5
St Tammany	5	5	-	-	-	5	-	7	6	4	4
Orleans	6	-	6	5	4	-	0	-	0	-	4
Other	67	56	53	45	50	44	40	54	47	40	50
Unspecified	29	16	8	9	13	9	10	8	10	12	12
Total	1,148	1,023	938	840	878	798	637	677	693	670	830

Note: Other includes 31 parishes such as Acadia, Bossier, Natchitoches, etc. and an out-of-state residence whose average numbers of fishermen are less than 4. A hyphen means that the number is removed because it violates confidentiality laws. The average was based on the number of non-zero entries in individual parish.

Table B.3 Number of Freshwater Finfish Fishing Vessels by Owner's Parish of Residence, 2000 – 2009

Parish	Number of Freshwater Finfish Fishing Vessels										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
St Mary	98	68	70	76	78	53	48	38	51	52	63
Plaquemines	43	47	29	36	43	34	5	27	25	24	31
St Charles	34	31	29	27	14	16	9	12	11	8	19
Terrebonne	29	26	29	22	26	14	11	11	8	13	19
Lafourche	24	24	18	21	28	18	13	14	15	10	19
Jefferson	32	27	17	18	22	23	10	11	8	10	18
Assumption	28	24	26	22	17	15	12	9	11	10	17
St Landry	14	13	18	12	12	11	8	10	9	10	12
Iberia	12	14	9	11	10	10	7	13	16	13	12
St Martin	12	12	11	11	12	13	10	11	13	9	11
Vermilion	20	11	11	9	7	5	9	8	10	11	10
Cameron	14	13	9	12	11	8	7	10	5	5	9
Iberville	10	11	10	11	7	7	8	6	6	5	8
St Bernard	10	15	22	6	9	4	-	5	-	5	8
Calcasieu	17	-	8	9	5	6	9	12	4	-	8
Tangipahoa	4	5	5	5	8	6	-	6	7	6	6
St James	8	-	4	-	4	4	4	-	-	4	4
Other	28	23	25	24	16	20	13	20	17	9	20
Unspecified	1,860	1,258	644	595	574	565	481	493	521	495	749
Total	2,297	1,627	994	930	903	832	668	718	742	701	1,041

Note: Other includes 20 parishes such as Avoyelles, St. Tammany, Pointe Coupee, etc. and an out-of-state residence whose average numbers of vessels are less than 4. A hyphen means that the number is removed because it violates confidentiality laws.

Table B.4 Number of Freshwater Finfish Fishing Vessels by Vessel Length Category, 2000 – 2009

Vessel Length Category	Number of Freshwater Finfish Fishing Vessels										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
<i>Specified:</i>	<i>437</i>	<i>369</i>	<i>350</i>	<i>335</i>	<i>329</i>	<i>267</i>	<i>187</i>	<i>225</i>	<i>221</i>	<i>206</i>	<i>293</i>
19 Feet or Less	277	227	206	205	186	149	111	118	122	113	171
20 - 24 Feet	112	93	106	100	99	87	62	83	75	75	89
25 - 30 Feet	26	24	18	16	16	14	8	14	15	10	16
31 - 50 Feet	21	25	17	13	23	16	6	10	8	8	15
51 - 65 Feet	-	0	-	0	4	-	0	0	0	-	-
66 Feet and Above	0	0	-	-	-	0	0	0	-	-	-
<i>Unspecified</i>	<i>1,860</i>	<i>1,258</i>	<i>644</i>	<i>595</i>	<i>574</i>	<i>565</i>	<i>481</i>	<i>493</i>	<i>521</i>	<i>495</i>	<i>749</i>
Total	2,297	1,627	994	930	903	832	668	718	742	701	1,041

Note: On average, foot length was specified for only 30.0 percent of fishing vessels, which landed freshwater finfish. A hyphen means that the number is removed because it violates confidentiality laws. The average was based on the number of non-zero entries in individual vessel length category.

Table B.5 Number of Freshwater Finfish Fishermen by Fishing Gear Used, 2000 – 2009

Gear Type	Number of Freshwater Finfish Fishermen										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Hoop & Fyke Nets, Fish	468	466	430	332	364	334	302	278	250	231	346
Trot Lines	515	380	306	290	300	275	241	235	200	219	296
Gillnets, Stake	203	139	112	121	129	155	146	104	150	108	137
Hand Lines	186	160	132	112	103	81	37	74	87	69	104
Dip Nets	53	71	82	140	117	113	66	110	126	98	98
Gillnets, Strike	47	52	51	46	48	38	23	19	43	56	42
Trammel Nets	48	55	32	36	50	44	20	28	26	30	37
Pots & Traps, Fish	33	34	37	40	45	38	23	30	23	25	33
Cans, Buckets, Pipes, Drums, Tires	15	32	20	9	9	16	17	21	22	14	18
Haul Seine	18	17	13	17	16	9	18	16	15	20	16
Skimmer Nets	21	28	15	19	21	7	-	6	9	6	13
Wire Nets	18	24	12	10	12	19	14	7	9	4	13
Slat Traps	22	23	11	4	9	5	8	10	12	7	11
Pots & Traps, Crab	16	8	4	9	7	-	4	13	8	12	8
Otter Trawl, Shrimp	13	9	14	7	16	-	4	0	-	4	8
Otter Trawl, Fish	26	7	-	10	6	5	0	-	-	5	7
Longline, Surface	4	11	4	0	0	0	0	0	0	0	6
Rod & Reel	12	10	6	0	-	0	-	0	-	4	5
By Hand	0	0	-	5	7	4	7	11	-	-	5
Purse Seine, Other	5	6	0	0	-	-	-	-	4	5	4
Other	31	14	14	11	14	12	8	5	9	16	13

Note: Other includes troll lines, cast nets, unspecified gear, etc. A hyphen means that the number is removed because it violates confidentiality laws. The average was based on the number of non-zero entries in individual gear type.

Appendix C - Participation and Activities in Saltwater Finfish Fishery

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Table C.1 Number of Fishermen by Saltwater Finfish Species Landed, 2000 – 2009

Species	Number of Fishermen										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Black Drum	936	848	747	517	705	436	340	416	413	538	590
Sheepshead	830	738	599	422	588	365	261	367	365	418	495
Flounder	716	548	501	324	353	162	259	288	250	314	372
Mullet - Red Roe	300	243	184	240	180	70	133	106	75	16	155
Mullet - White Roe	271	192	144	207	143	33	82	32	34	-	114
Cobia	157	127	132	150	142	102	74	79	61	76	110
Whiting	213	194	140	95	100	61	30	41	29	24	93
Wahoo	127	87	104	88	84	74	68	73	59	54	82
Red Snapper	119	112	103	94	104	86	71	41	32	30	79
Dolphin	120	92	103	93	82	62	60	55	49	51	77
Vermilion Snapper	109	96	97	91	99	73	57	37	33	30	72
King Mackerel	82	76	84	88	89	64	55	54	50	62	70
Gray Triggerfish	108	96	93	93	96	72	54	31	27	27	70
White Trout	136	80	92	83	67	42	37	37	26	24	62
Yellowfin Tuna	100	82	79	71	57	59	49	44	39	37	62
Scamp	97	79	83	72	88	56	54	37	27	21	61
Lane Snapper	94	74	78	74	84	66	54	35	23	20	60
Blacktip Shark	36	34	62	96	106	62	41	68	36	52	59
Greater Amberjack	77	71	86	78	78	53	46	32	27	35	58
Warsaw Grouper	88	80	77	80	72	56	46	32	21	21	57
Gray Snapper	61	66	65	63	64	54	46	23	19	28	49
Swordfish	74	59	52	58	47	47	37	40	36	32	48
Gag Grouper	68	59	61	53	66	48	50	31	21	23	48

Table C.1 Number of Fishermen by Saltwater Finfish Species Landed, 2000 – 2009 (Continued)

Species	Number of Fishermen										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Blue Runner	56	57	66	76	85	63	14	24	15	18	47
Croaker	97	59	68	47	45	38	32	33	22	29	47
Yellowedge Grouper	70	69	72	63	59	37	35	29	19	17	47
Red Porgy	63	55	58	57	57	45	40	24	21	18	44
Escolar	59	38	48	55	37	39	38	36	34	33	42
Spanish Mackerel	56	47	60	46	48	35	32	29	34	30	42
Bar Jack	39	42	54	55	62	35	41	26	25	23	40
Hake	62	53	57	49	58	38	30	21	18	15	40
Florida Pompano	59	56	53	49	56	32	15	27	28	18	39
Menhaden	40	37	37	34	38	39	33	37	34	36	37
Black Grouper	72	54	50	44	51	36	19	5	6	6	34
Almaco Jack	55	45	49	42	40	31	28	20	11	16	34
Bigeye Tuna	42	32	38	41	34	30	31	36	26	23	33
Snowy Grouper	38	36	53	44	42	31	30	21	18	17	33
Bluefin Tuna	48	31	36	42	39	31	23	32	26	19	33
Tripletail	32	35	53	29	44	8	34	16	10	61	32
Black Snapper	57	52	44	36	43	31	29	8	5	5	31
Red Hind	38	34	37	49	42	30	23	16	8	11	29
Shortfin Mako	44	32	30	38	34	35	23	20	14	16	29
Albacore Tuna	24	27	37	24	34	29	23	30	19	23	27
Jellyfish	0	0	0	27	0	0	0	0	0	0	27
Blackfin Tuna	64	44	46	39	23	14	15	12	6	6	27
Tilefish	28	21	31	32	30	25	21	17	14	11	23
Silk Snapper	30	23	29	22	28	19	16	16	13	12	21

Table C.1 Number of Fishermen by Saltwater Finfish Species Landed, 2000 – 2009 (Continued)

Species	Number of Fishermen										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Goldface Tilefish	33	34	32	25	26	20	9	8	10	8	21
Whitebone Porgy	29	23	29	36	35	21	17	8	4	-	21
Longtail Bass	29	22	23	28	25	20	23	13	9	9	20
Marbled Grouper	23	21	23	26	28	24	15	17	13	11	20
Spiny Cheek Scorpionfish	26	18	33	33	25	19	13	14	12	8	20
Oilfish	39	35	27	23	14	16	11	16	6	9	20
Speckled Hind	22	18	25	27	24	18	8	12	9	8	17
Creole Fish	19	16	18	27	32	20	4	10	6	0	17
Little Tunny	14	13	27	30	20	17	14	10	8	13	17
Spadefish	21	23	28	32	25	18	4	6	-	6	17
Queen Snapper	20	20	22	26	27	15	11	9	8	7	17
Striped Mullet	28	18	12	11	20	10	17	19	5	15	16
Bigeye	19	18	22	21	24	13	15	12	6	4	15
Longfin Mako	15	18	12	12	0	0	0	0	0	0	14
Blackfin Snapper	7	5	10	26	30	19	9	16	10	7	14
Yellowfin Grouper	22	18	22	18	17	14	-	9	6	7	14
Bluefish	28	17	18	23	14	12	-	6	5	7	13
Lesser Amberjack	16	12	20	23	21	14	9	4	5	5	13
Bearded Brotula	23	12	18	20	15	7	5	5	-	0	12
Grunts	12	11	13	10	14	8	0	0	0	0	11
Bull Shark	0	-	-	-	8	12	9	21	17	27	11
Black Driftfish	10	11	15	14	12	10	9	9	7	7	10
Bigeye Unclassified	13	16	14	14	13	13	4	-	-	0	10
Yellowtail Snapper	7	4	11	22	14	14	13	7	4	-	10

Table C.1 Number of Fishermen by Saltwater Finfish Species Landed, 2000 – 2009 (Continued)

Species	Number of Fishermen										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Spotted Seatrout	26	15	15	8	10	5	-	5	7	4	10
Barracuda	9	11	14	11	14	5	-	6	14	9	10
Spinner Shark	0	0	0	-	0	0	-	-	24	12	9
Rainbow Runner	17	12	15	17	5	4	-	-	-	0	8
Red Grouper	-	-	5	15	15	13	7	8	5	7	8
Atlantic Bonito	17	10	0	0	0	0	0	-	5	-	7
Wenchman	9	9	4	7	12	6	-	-	-	0	6
Squirrelfish	9	8	8	7	6	-	-	-	-	0	5
Chubs	6	-	9	5	5	-	0	0	0	0	5
Rock Hind	5	4	-	6	8	6	-	5	5	0	5
Scorpionfish	9	6	4	-	5	-	0	0	0	0	5
Gafftopsail Catfish	5	9	4	-	-	0	0	0	0	0	4
Cubera Snapper	4	-	-	7	7	4	4	6	-	-	4
African Pompano	6	5	6	6	-	0	0	-	0	-	4
Jolthead Porgy	4	4	-	-	9	9	-	-	0	0	4
Mutton Snapper	4	-	4	8	5	-	-	0	0	0	4
Stingrays Unclassified	0	-	-	4	4	12	0	-	0	-	4
Sharks Unclassified	5	-	6	-	4	4	0	0	0	0	4
Black Jack	4	5	4	-	5	0	-	0	0	0	4
Queen Triggerfish	-	-	6	-	7	4	-	0	0	0	4
Other	73	48	43	42	53	35	24	18	36	31	40
Unknown Saltwater Fish	25	12	14	11	13	-	-	-	-	-	9

Note: Other includes 49 species such as dog snapper, yellowmouth grouper, knobbed porgy, etc., whose average numbers of fishermen are less than 4. A hyphen means that the number is removed because it violates confidentiality laws. The average was based on the number of non-zero entries in individual finfish species.

Table C.2 Number of Saltwater Finfish Fishermen by Place of Residence, 2000 – 2009

Parish	Number of Saltwater Finfish Fishermen										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Plaquemines	366	333	313	282	314	183	135	148	128	147	235
Jefferson	321	297	259	208	234	156	135	159	166	201	214
Out of state	213	176	165	155	142	89	85	91	76	86	128
Terrebonne	114	126	103	82	125	79	72	87	52	50	89
Lafourche	136	108	97	81	95	73	76	66	51	59	84
Cameron	137	87	56	86	80	49	75	77	63	74	78
St Bernard	136	111	76	89	55	17	31	36	28	21	60
Orleans	104	91	88	73	56	46	25	36	31	34	58
St Mary	47	39	29	26	49	46	39	37	35	35	38
Calcasieu	60	48	32	22	24	27	34	26	45	50	37
St Tammany	23	23	25	18	13	17	16	35	37	50	26
Iberia	16	14	14	9	20	36	20	29	25	22	21
Vermilion	24	16	12	6	12	11	14	15	12	9	13
St Charles	21	16	9	9	11	5	4	8	-	5	9
Beauregard	6	5	4	-	4	-	4	6	-	6	4
St Martin	10	5	5	-	5	-	-	-	-	-	4
Other	44	30	28	18	26	20	35	20	20	32	27
Unspecified	24	19	15	9	13	12	6	6	10	12	13
Total	1,802	1,544	1,330	1,176	1,278	871	808	885	786	896	1,138

Note: Other includes 29 parishes such as Tangipahoa, Lafayette, St. Landry, etc., whose average numbers of fishermen are less than 4. A hyphen means that the number is removed because it violates confidentiality laws.

Table C.3 Number of Saltwater Finfish Fishing Vessels by Owner's Place of Residence, 2000 – 2009

	Number of Saltwater Fish Fishing Vessels										
Parish	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Plaquemines	274	253	254	224	268	152	101	131	123	115	190
Jefferson	204	192	172	153	190	121	111	127	125	138	153
Out of state	113	87	78	72	66	35	47	50	43	37	63
Terrebonne	74	74	66	49	74	47	40	55	33	33	55
Lafourche	78	73	63	52	61	50	41	43	36	27	52
St Bernard	94	70	50	69	40	8	19	29	19	17	42
Cameron	82	49	29	46	44	22	33	34	26	25	39
Orleans	47	44	45	38	30	20	13	23	17	11	29
St Mary	31	28	20	20	33	30	28	31	27	29	28
Calcasieu	31	22	20	13	12	13	20	13	23	18	19
St Tammany	14	15	22	11	11	14	10	24	25	35	18
Iberia	10	10	12	7	18	27	14	26	17	14	16
St Charles	15	10	5	5	6	-	-	-	-	-	5
Other	32	25	21	12	17	15	18	17	16	26	20
Unspecified	1,570	1,047	569	524	514	377	329	332	284	403	595
Total	2,669	1,999	1,426	1,295	1,384	934	826	938	816	929	1,322

Note: Other includes 27 parishes such as Tangipahoa, Vermilion, St. Martin, etc., whose average numbers of fishing vessels are less than 4. A hyphen means that the number is removed because it violates confidentiality laws.

Table C.4 Number of Saltwater Finfish Fishing Vessels by Vessel Length Category, 2000 – 2009

Vessel Length	Number of Saltwater Fish Fishing Vessels										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
<i>Specified:</i>	<i>1,099</i>	<i>951</i>	<i>857</i>	<i>771</i>	<i>870</i>	<i>556</i>	<i>497</i>	<i>606</i>	<i>532</i>	<i>525</i>	<i>726</i>
19 Feet or Less	169	135	119	109	146	87	71	82	61	75	105
20 - 24 Feet	234	179	152	161	158	131	96	116	106	96	143
25 - 30 Feet	174	136	125	127	115	65	73	89	76	88	107
31 - 50 Feet	323	309	283	222	316	172	178	222	216	229	247
51 - 65 Feet	113	109	109	78	80	62	40	47	39	24	70
66 Feet and Above	86	83	69	74	55	39	39	50	34	13	54
<i>Unspecified</i>	<i>1,570</i>	<i>1,047</i>	<i>569</i>	<i>524</i>	<i>514</i>	<i>377</i>	<i>329</i>	<i>332</i>	<i>284</i>	<i>403</i>	<i>595</i>
Total	2,669	1,998	1,426	1,295	1,384	933	826	938	816	928	1,321

Note: On average, foot length was specified for approximately 57.7 percent of fishing vessels, which landed saltwater finfish.

Table C.5 Number of Saltwater Finfish Fishermen by Fishing Gear Used, 2000 – 2009

Gear Type	Number of Saltwater Finfish Fishermen										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Electric or Hydraulic Reel	1,094	951	1,229	1,034	875	592	729	619	467	466	806
Skimmer Nets	806	830	765	389	580	172	257	410	379	593	518
Otter Trawl, Shrimp	1,036	945	796	541	509	279	257	268	276	246	515
Mannual Reel	905	809	597	738	843	637	245	135	55	58	502
Hand Lines	464	325	467	614	776	517	226	324	303	300	432
Longline, Surface	432	334	368	401	357	346	301	326	288	247	340
Trot Lines	411	343	333	299	482	396	275	251	236	284	331
Gillnets, Strike	583	424	342	454	337	115	219	152	121	41	279
Longline, Bottom	306	275	270	171	145	88	71	66	73	58	152
Rod & Reel	224	138	97	76	53	85	58	20	16	42	81
Troll Lines	93	49	9	46	44	36	87	56	42	81	54
Otter Trawl, Fish	148	85	56	68	46	42	19	32	11	18	53
Butterfly Nets	110	53	39	30	41	11	42	50	59	41	48
Pots & Traps, Crab	30	18	28	34	36	17	37	58	53	79	39
Purse Seine, Menhaden	38	35	37	33	36	35	32	36	34	36	35
Spears & Gigs	24	17	33	11	15	31	21	13	8	27	20
Hoop & Fyke Nets, Fish	38	21	15	11	3	16	30	11	8	4	16
Gillnets, Stake	41	29	-	4	5	-	-	-	-	5	9
By Hand	0	0	22	6	-	-	0	0	0	4	7
Unspecified	16	4	8	0	-	-	-	0	-	0	5
Other	10	6	-	4	9	7	-	-	-	8	5

Note: Other includes fish pots and traps, cast nets, trammel nets, dip nets and wire nets whose average numbers of fishermen are less than 4. A hyphen means that the number is removed because it violates confidentiality laws. The average was based on the number of non-zero entries in individual gear type.

Appendix D - Landings, Prices and Values of All Finfish

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Table D.1 Finfish Landings by Species Type, 2000 – 2009

Species Type	Landings of Finfish (in Pounds)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Freshwater Fish	11,873,758	13,271,513	12,547,457	11,235,243	12,014,951	11,757,793	11,719,745	12,353,406	11,627,106	10,331,296	11,873,227
Saltwater Fish	1,111,835,353	878,947,400	1,112,075,730	974,568,390	883,297,688	669,564,130	759,417,820	802,291,548	751,311,831	796,458,170	873,976,806
Total	1,123,709,111	892,218,913	1,124,623,186	985,803,632	895,312,639	681,321,923	771,137,564	814,644,954	762,938,937	806,789,466	885,850,033
Species Type	Percent of Finfish Landings										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Freshwater Fish	1.1%	1.5%	1.1%	1.1%	1.3%	1.7%	1.5%	1.5%	1.5%	1.3%	1.4%
Saltwater Fish	98.9%	98.5%	98.9%	98.9%	98.7%	98.3%	98.5%	98.5%	98.5%	98.7%	98.6%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Table D.2 Average Dockside Prices of Finfish by Species Type, 2000 – 2009

Species Type	Average Nominal Prices of Finfish (in \$)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Freshwater Fish	0.64	0.51	0.50	0.60	0.72	0.52	0.54	0.59	0.57	0.63	0.58
Saltwater Fish	1.08	1.01	1.06	1.05	1.06	1.18	1.20	1.14	1.13	1.11	1.10
Total	0.89	0.78	0.80	0.85	0.91	0.81	0.82	0.82	0.80	0.85	0.83
Species Type	Average Real Prices of Finfish (in 2005 Dollar)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Freshwater Fish	0.72	0.56	0.54	0.64	0.74	0.52	0.53	0.56	0.52	0.57	0.59
Saltwater Fish	1.21	1.11	1.15	1.11	1.09	1.18	1.17	1.07	1.04	1.01	1.11
Total	1.00	0.86	0.86	0.90	0.94	0.81	0.80	0.77	0.73	0.77	0.84

Table D.3 Dockside Values of Finfish by Species Type, 2000 – 2009

Species Type	Nominal Values of Finfish (in \$)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Freshwater Fish	4,545,468	4,190,267	3,923,243	3,544,376	4,056,771	4,154,258	4,518,072	5,284,769	4,215,851	3,389,238	4,182,231
Saltwater Fish	64,728,585	53,000,810	66,088,940	59,375,166	61,860,853	45,139,845	49,278,815	60,293,488	60,196,099	58,984,461	57,894,706
Total	69,274,053	57,191,077	70,012,183	62,919,542	65,917,624	49,294,102	53,796,887	65,578,257	64,411,950	62,373,699	62,076,937
Species Type	Real Values of Finfish (in 2005 Dollar)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Freshwater Fish	5,107,267	4,604,689	4,264,394	3,770,613	4,182,239	4,154,258	4,386,478	4,985,631	3,867,753	3,081,125	4,240,445
Saltwater Fish	72,728,747	58,242,648	71,835,805	63,165,070	63,774,075	45,139,845	47,843,510	56,880,649	55,225,778	53,622,237	58,845,836
Total	77,836,015	62,847,337	76,100,199	66,935,683	67,956,314	49,294,102	52,229,988	61,866,280	59,093,532	56,703,362	63,086,281
Species Type	Percent of Finfish Values										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Freshwater Fish	6.6%	7.3%	5.6%	5.6%	6.2%	8.4%	8.4%	8.1%	6.5%	5.4%	6.8%
Saltwater Fish	93.4%	92.7%	94.4%	94.4%	93.8%	91.6%	91.6%	91.9%	93.5%	94.6%	93.2%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Table D.4 Finfish Landings by Fisherman's Place of Residence, 2000 – 2009

Parish	Finfish Landings (in Pounds)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Out of state*	585,736,456	474,296,142	625,303,893	537,019,865	479,893,518	330,152,007	276,637,268	309,130,444	275,721,829	300,575,178	419,446,660
Plaquemines	123,350,719	103,491,900	143,998,605	150,763,172	155,429,312	91,475,301	236,604,984	228,409,929	196,036,271	235,072,858	166,463,305
Vermilion	143,358,878	101,110,128	124,716,583	111,308,900	108,278,200	102,711,966	118,608,078	98,432,771	105,051,049	84,438,984	109,801,554
Cameron	121,487,337	75,840,080	97,116,348	78,321,207	51,221,460	59,456,646	66,101,069	84,579,569	36,041,725	31,308,701	70,147,414
Calcasieu	52,579,300	38,079,114	36,731,438	29,071,996	24,403,369	28,930,576	28,037,540	23,009,535	51,473,252	35,158,735	34,747,486
St Mary	1,765,524	28,337,316	32,734,565	27,984,270	29,936,899	31,113,706	27,860,300	32,923,537	29,032,376	31,998,473	27,368,697
Terrebonne	31,470,823	27,259,521	37,895,226	32,738,236	28,084,374	22,126,886	720,942	20,803,061	24,076,742	31,199,240	25,637,505
Orleans	17,240,671	2,475,690	3,287,706	2,660,782	2,836,575	1,742,391	1,353,432	1,559,304	861,567	1,632,809	3,565,093
Avoyelles	2,142,637	2,891,423	3,195,260	2,750,253	2,084,204	2,689,672	3,503,838	3,996,284	3,474,391	3,281,980	3,000,994
Washington	1,379	991	8,714	7,581	23,770	9,412	23,347	6,537	7,419	23,660,675	2,374,983
Jefferson	3,204,620	2,470,562	2,629,262	2,735,973	2,039,818	1,333,826	1,679,322	2,251,712	1,379,904	1,501,799	2,122,680
Beauregard	26,022	3,195	5,808	4,326	2,772	11,150	9,545	8,488	6,406	18,678,595	1,875,631
Lafourche	2,566,609	2,242,394	1,869,144	1,530,503	1,588,591	1,450,778	1,671,889	1,331,630	989,004	1,047,138	1,628,768
St Bernard	3,617,683	1,411,915	888,459	1,852,256	1,069,730	372,932	566,879	354,474	757,027	401,902	1,129,326
Concordia	898,521	1,084,259	1,211,029	941,746	1,216,560	975,101	945,123	863,604	825,515	983,059	994,452
St Landry	1,245,099	1,103,122	1,250,489	1,406,163	1,335,401	666,356	740,872	460,757	687,483	422,601	931,834
Assumption	823,842	611,132	717,548	627,788	964,460	792,093	1,032,425	807,656	905,931	774,030	805,691
Iberville	522,006	665,284	562,871	727,612	852,619	970,812	941,292	934,447	818,764	792,963	778,867
Iberia	390,631	464,512	543,677	809,143	945,975	1,098,915	893,087	946,786	840,152	730,490	766,337
St Martin	478,032	1,474,113	577,988	508,712	560,203	867,162	537,662	637,377	764,183	309,046	671,448
Catahoula	558,176	467,107	456,936	188,381	164,157	279,480	293,437	524,574	590,085	552,790	407,512
St Charles	691,528	643,382	408,697	265,791	282,281	336,120	276,022	319,875	226,740	312,794	376,323
St Tammany	97,505	81,409	121,283	75,488	65,467	56,332	446,080	727,431	638,840	945,942	325,578

Table D.4 Finfish Landings by Fisherman's Place of Residence, 2000 – 2009 (Continued)

Parish	Finfish Landings (in Pounds)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Pointe Coupee	214,228	156,784	252,061	288,689	320,800	134,883	116,281	212,737	147,460	202,260	204,618
Rapides	167,126	344,903	271,957	173,426	128,560	248,400	155,989	12,360	58,208	40,419	160,135
Desoto	77,402	77,587	94,294	154,916	191,471	169,723	194,357	201,612	117,362	12,568	129,129
East Baton Rouge	151,540	151,089	216,435	132,175	121,819	83,915	108,154	127,135	98,915	69,236	126,041
St James	184,601	181,719	112,122	94,283	93,853	120,418	113,375	81,229	118,146	102,324	120,207
Caddo	73,265	90,639	82,355	101,004	117,165	130,993	134,857	122,879	117,988	96,410	106,756
Sabine	125,512	86,419	139,851	73,410	298,435	174,169	3,908	39,396	28,371	15,939	98,541
Bossier	54,976	46,505	38,400	35,578	70,488	110,481	124,583	118,618	94,576	83,179	77,738
Tangipahoa	39,254	69,900	77,490	91,231	51,144	35,217	28,042	54,091	60,570	50,509	55,745
Lafayette	27,766	17,802	22,936	30,796	89,252	52,433	86,943	47,444	19,610	33,358	42,834
Livingston	15,699	56,539	27,047	19,803	21,525	38,341	113,181	41,833	47,177	26,296	40,744
Ascension	43,763	62,057	64,167	31,776	52,545	20,361	16,341	27,895	10,349	29,849	35,910
Jefferson Davis	46,233	56,851	24,164	10,916	114,204	22,147	30,884	5,334	15,923	2,817	32,947
Bienville	20,105	35,983	21,461	17,892	33,695	26,344	22,824	96,065	5,812	17,204	29,739
Evangeline	66,005	89,402	70,266	13,629	20,222	3,450	22,477	540	153	0	31,794
East Feliciana	26,022	28,850	60,308	50,558	58,133	52,209	960	1,737	205	0	30,998
Union	7,322	7,151	939	29,804	49,897	54,149	43,192	25,394	24,804	15,891	25,854
West Feliciana	0	1,444	1,288	0	822	31	66,213	57,303	59,588	54,566	30,157
Allen	79,428	101,020	0	61	151	0	0	2,534	0	0	36,639
Red River	0	0	18,687	20,359	19,673	27,990	27,453	35,100	14,638	8,776	21,585
West Baton Rouge	4,793	24,389	1,719	22,546	13,522	19,469	8,163	58,536	13,554	447	16,714
Richland	19,358	16,641	10,706	0	0	470	16,339	44,438	10,966	37,856	19,597
Caldwell	45,651	32,085	31,886	23,733	2,043	3,529	0	9,765	1,347	2,012	16,895
Franklin	8,132	32	9,353	5,281	12,577	28,139	10,053	6,195	32,729	2,556	11,505

Table D.4 Finfish Landings by Fisherman's Place of Residence, 2000 – 2009 (Continued)

Parish	Finfish Landings (in Pounds)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Ouachita	21,667	3,295	7,223	283	1,955	1,167	55,299	1,781	11,125	2,264	10,606
Tensas	1,825	508	0	0	0	0	6,618	52,003	14,984	22,000	16,323
West Carroll	49,487	10,936	0	0	5,600	20,453	9,185	0	0	100	15,960
St John	3,033	12,527	4,368	5,786	6,782	3,443	665	33,793	2,389	18,844	9,163
Natchitoches	0	1,000	3,566	2,521	8,252	11,492	8,219	15,467	21,161	18,435	10,013
Webster	44	1,678	30,062	20,196	22,449	0	0	46	0	0	12,413
Lincoln	0	2,330	181	0	753	9,455	22,239	19,103	11,051	2,542	8,457
Winn	11,846	27,314	1,580	0	7,452	2,746	7,913	6,113	1,323	277	7,396
Acadia	5,811	13,451	9,837	7,125	6,040	6,614	70	4,376	4,638	3,293	6,126
Madison	32,053	21,415	0	0	369	0	37	0	0	0	13,469
La Salle	9,211	10,225	28,610	216	0	0	116	1,105	0	0	8,247
East Carroll	38,417	9,342	0	0	0	0	0	0	0	742	16,167
Grant	923	6,513	5,157	8,446	20,423	1,441	0	0	0	0	7,151
Vernon	0	0	2,861	1,115	0	0	0	0	37	0	1,338
Morehouse	0	0	284	1,109	163	236	116	851	57	500	415
Claiborne	0	0	0	0	0	0	0	2,385	0	0	2,385
Jackson	0	0	0	0	0	500	0	0	0	0	500
Unspecified	27,782,614	23,857,898	6,648,034	34,825	70,691	87,497	98,086	57,979	30,567,067	35,214	8,923,991
Total	1,123,709,111	892,218,913	1,124,623,186	985,803,632	895,312,639	681,321,923	771,137,564	814,644,954	762,938,937	806,789,466	885,850,033

Note: The average was based on the number of entries in individual parish. The asterisk (*) means that the disaggregation is presented in Table D.7. The average was based on the number of non-zero entries in individual parish.

Table D.5 Nominal Dockside Values of Finfish by Fisherman's Place of Residence, 2000 – 2009

Parish	Nominal Values of Finfish (in \$)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Out of state*	25,023,057	22,840,794	28,137,207	23,813,621	23,860,658	16,024,288	13,293,940	15,684,719	17,671,460	16,598,101	20,294,785
Plaquemines	4,706,428	5,984,488	8,338,284	8,440,329	10,731,853	6,357,324	13,735,388	19,623,794	17,295,921	17,705,677	11,291,949
Orleans	8,675,493	5,109,676	8,071,454	6,634,942	7,841,305	5,107,135	3,812,173	4,313,331	2,331,892	3,930,787	5,582,819
Vermilion	5,209,908	3,571,864	4,307,397	3,768,264	3,707,454	3,481,373	4,038,215	3,708,489	5,166,301	3,208,796	4,016,806
Cameron	5,197,088	3,831,540	4,764,186	4,506,534	3,687,763	3,334,290	3,097,802	3,659,380	2,245,457	2,012,075	3,633,612
Terrebonne	2,752,908	2,458,372	3,337,940	2,828,235	2,793,529	2,514,888	1,578,219	3,181,488	3,306,207	4,361,955	2,911,374
Lafourche	3,794,401	2,875,384	2,665,299	2,344,206	2,377,280	2,469,863	2,658,074	2,743,589	2,075,661	2,108,866	2,611,262
Jefferson	2,435,176	1,733,668	2,156,046	2,786,256	2,837,724	2,037,123	2,740,117	3,202,329	1,746,062	1,852,399	2,352,690
St Mary	862,654	1,645,010	1,794,663	1,698,581	2,004,182	1,879,945	1,721,710	1,699,822	2,089,695	1,959,318	1,735,558
Calcasieu	2,003,016	1,510,567	1,532,896	1,382,283	1,062,459	1,172,281	1,147,962	1,001,675	2,447,483	1,505,454	1,476,608
St Bernard	3,683,097	1,089,039	1,210,389	1,629,913	1,505,773	1,105,461	415,123	227,768	832,699	627,167	1,232,643
Avoyelles	512,283	615,816	585,669	503,261	443,219	591,321	898,034	1,005,824	914,732	650,114	672,027
St Tammany	60,304	36,376	67,599	39,509	35,822	46,287	1,238,279	1,934,838	901,280	1,318,723	567,902
Iberia	216,834	212,430	263,331	412,043	520,389	634,992	540,788	548,700	526,191	486,653	436,235
Assumption	404,677	255,634	289,344	272,035	354,502	321,036	369,586	277,722	346,092	232,303	312,293
St Landry	273,072	222,687	281,030	332,149	368,751	379,462	210,017	175,720	225,466	134,577	260,293
St Martin	116,644	190,856	104,623	100,954	124,764	204,704	168,633	1,085,564	259,917	106,978	246,364
Concordia	181,381	223,532	234,361	189,008	224,099	224,423	453,267	190,290	185,026	213,458	231,885
Iberville	196,658	195,231	204,832	220,034	277,362	292,148	244,876	204,844	271,056	205,971	231,301
St Charles	370,878	335,811	242,726	201,592	177,439	161,019	151,059	184,219	128,877	173,283	212,690
Washington	2,616	1,129	6,100	5,307	15,862	3,812	15,497	4,123	5,184	1,701,729	176,136
East Baton Rouge	320,828	320,429	436,449	214,454	98,093	42,866	60,619	64,528	53,411	38,038	164,972
Catahoula	137,758	116,465	91,434	32,790	53,523	64,136	62,150	107,880	139,741	136,504	94,238

Table D.5 Nominal Dockside Values of Finfish by Fisherman's Place of Residence, 2000 – 2009 (Continued)

Parish	Nominal Values of Finfish (in \$)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Beauregard	21,052	2,166	3,519	2,220	2,099	7,932	8,944	6,244	5,026	702,747	76,195
Desoto	36,511	38,122	47,610	74,550	89,496	80,532	100,575	112,641	70,572	25,402	67,601
Allen	135,390	199,344	0	61	146	0	0	778	0	0	67,144
Pointe Coupee	68,895	61,501	61,559	105,774	68,722	51,399	35,772	50,464	40,723	59,610	60,442
Rapides	47,073	80,792	48,574	29,870	28,076	60,368	275,362	2,817	12,396	10,941	59,627
Sabine	57,494	37,490	65,957	33,920	129,153	70,129	1,744	24,850	20,077	8,836	44,965
St James	85,979	59,910	34,272	30,338	35,458	42,939	41,372	33,264	48,648	34,686	44,687
Caddo	34,463	35,101	31,529	40,361	50,086	53,837	58,367	49,814	43,877	42,229	43,966
Tangipahoa	29,958	52,795	57,093	63,582	36,143	19,814	17,831	34,056	31,595	21,612	36,448
Lafayette	12,716	7,891	9,749	11,529	51,638	27,811	194,280	13,450	7,129	24,297	36,049
Bossier	21,014	17,925	14,929	13,349	25,808	38,400	42,841	44,673	37,779	28,499	28,522
Livingston	16,932	54,700	19,816	8,002	9,150	30,317	60,895	18,161	21,126	7,436	24,654
Evangeline	37,627	94,877	45,082	6,342	7,593	551	5,239	97	241	0	21,961
Jefferson Davis	24,142	25,262	11,139	6,446	58,127	12,404	29,485	3,668	9,918	1,901	18,249
West Feliciana	0	580	727	0	358	55	36,105	32,212	36,203	34,130	17,546
Bienville	10,577	18,439	10,909	7,905	16,667	12,458	11,799	54,396	3,256	13,149	15,956
Tensas	913	102	0	0	0	0	6,282	58,162	12,440	13,847	15,291
East Feliciana	13,554	12,990	21,247	28,370	31,638	27,741	254	759	92	0	15,183
Union	3,813	3,561	578	13,019	15,828	18,634	13,276	29,090	18,570	10,578	12,695
Franklin	5,612	40	6,684	2,595	6,723	77,054	5,411	3,067	16,980	2,503	12,667
Ascension	18,003	28,855	16,405	8,937	10,977	4,530	5,175	6,552	4,199	6,857	11,049
Richland	6,700	4,151	2,531	0	0	212	9,366	24,305	5,655	18,590	8,939
Ouachita	10,667	967	1,740	127	697	175	56,668	1,183	2,523	664	7,541
Red River	0	0	5,555	5,311	5,904	9,593	9,612	12,718	5,204	3,081	7,122

Table D.5 Nominal Dockside Values of Finfish by Fisherman's Place of Residence, 2000 – 2009 (Continued)

Parish	Nominal Values of Finfish (in \$)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Caldwell	18,165	11,650	13,635	10,185	919	1,611	0	2,065	360	824	6,602
West Baton Rouge	2,266	7,654	729	3,162	2,474	8,468	4,571	30,972	4,029	267	6,459
Webster	22	677	16,064	6,890	7,704	0	0	21	0	0	5,230
Natchitoches	0	633	1,800	1,136	5,217	2,909	4,152	7,301	10,227	10,331	4,856
West Carroll	13,554	2,603	0	0	1,738	7,541	2,692	0	0	150	4,713
Winn	7,280	15,980	1,540	0	4,916	1,911	5,091	3,239	687	180	4,536
East Carroll	9,781	1,895	0	0	0	0	0	0	0	325	4,000
Acadia	3,202	7,755	5,471	4,352	3,101	3,874	66	3,563	4,390	2,488	3,826
Lincoln	0	1,619	181	0	982	2,657	7,264	7,808	4,915	1,412	3,355
St John	1,187	3,681	3,587	5,336	2,875	1,882	598	8,215	1,208	4,777	3,335
La Salle	5,395	4,476	8,401	169	0	0	124	1,394	0	0	3,327
Madison	8,434	4,654	0	0	129	0	11	0	0	0	3,307
Grant	775	3,074	2,314	3,734	7,738	654	0	0	0	0	3,048
Claiborne	0	0	0	0	0	0	0	2,460	0	0	2,460
Vernon	0	0	1,448	446	0	0	0	0	37	0	644
Morehouse	0	0	294	381	57	149	51	923	24	175	257
Jackson	0	0	0	0	0	125	0	0	0	0	125
Unspecified	1,367,751	910,369	316,254	34,844	95,484	165,263	94,087	62,238	2,766,034	12,252	582,458
Total	69,274,053	57,191,077	70,012,183	62,919,542	65,917,624	49,294,102	53,796,887	65,578,257	64,411,950	62,373,699	62,076,937

Note: The average was based on the number of entries in individual parish. The asterisk (*) means that the disaggregation is presented in Table D.8. The average was based on the number of non-zero entries in individual parish.

Table D.6 Real Dockside Values of Finfish by Fisherman's Place of Residence, 2000 – 2009

Parish	Real Values of Finfish (in 2005 Dollars)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Out of state*	28,115,794	25,099,773	30,583,921	25,333,639	24,598,617	16,024,288	12,906,738	14,796,904	16,212,349	15,089,183	20,876,121
Plaquemines	5,288,122	6,576,361	9,063,352	8,979,073	11,063,766	6,357,324	13,335,328	18,513,013	15,867,817	16,096,070	11,114,023
Orleans	9,747,745	5,615,028	8,773,320	7,058,449	8,083,819	5,107,135	3,701,138	4,069,180	2,139,350	3,573,443	5,786,861
Vermilion	5,853,829	3,925,125	4,681,953	4,008,792	3,822,118	3,481,373	3,920,597	3,498,575	4,739,726	2,917,087	4,084,918
Cameron	5,839,424	4,210,483	5,178,463	4,794,185	3,801,817	3,334,290	3,007,575	3,452,245	2,060,053	1,829,159	3,750,769
Terrebonne	3,093,155	2,701,507	3,628,195	3,008,761	2,879,927	2,514,888	1,532,251	3,001,403	3,033,217	3,965,413	2,935,872
Lafourche	4,263,372	3,159,763	2,897,064	2,493,837	2,450,804	2,469,863	2,580,654	2,588,291	1,904,276	1,917,151	2,672,508
Jefferson	2,736,153	1,905,130	2,343,528	2,964,102	2,925,489	2,037,123	2,660,307	3,021,065	1,601,891	1,683,999	2,387,879
St Mary	969,275	1,807,704	1,950,720	1,807,001	2,066,167	1,879,945	1,671,563	1,603,606	1,917,152	1,781,198	1,745,433
Calcasieu	2,250,579	1,659,963	1,666,191	1,470,514	1,095,318	1,172,281	1,114,526	944,977	2,245,397	1,368,595	1,498,834
St Bernard	4,138,311	1,196,746	1,315,640	1,733,950	1,552,343	1,105,461	403,032	214,876	763,944	570,151	1,299,445
Avoyelles	575,599	676,721	636,597	535,384	456,926	591,321	871,877	948,891	839,203	591,013	672,353
St Tammany	67,757	39,974	73,478	42,031	36,930	46,287	1,202,212	1,825,319	826,862	1,198,839	535,969
Iberia	243,634	233,440	286,229	438,343	536,483	634,992	525,037	517,641	482,744	442,411	434,095
Assumption	454,693	280,917	314,505	289,399	365,466	321,036	358,822	262,002	317,516	211,185	317,554
St Landry	306,823	244,711	305,468	353,350	380,155	379,462	203,900	165,773	206,850	122,343	266,884
St Martin	131,061	209,732	113,721	107,398	128,622	204,704	163,721	1,024,117	238,456	97,253	241,879
Concordia	203,799	245,640	254,740	201,072	231,030	224,423	440,065	179,519	169,749	194,053	234,409
Iberville	220,964	214,539	222,644	234,079	285,940	292,148	237,744	193,249	248,675	187,246	233,723
St Charles	416,717	369,023	263,833	214,460	182,927	161,019	146,659	173,792	118,236	157,530	220,420
East Baton Rouge	360,481	352,119	474,401	228,143	101,127	42,866	58,853	60,876	49,000	34,580	176,245
Washington	2,940	1,240	6,630	5,645	16,352	3,812	15,046	3,890	4,756	1,547,026	160,734
Catahoula	154,784	127,983	99,385	34,883	55,179	64,136	60,340	101,773	128,202	124,095	95,076

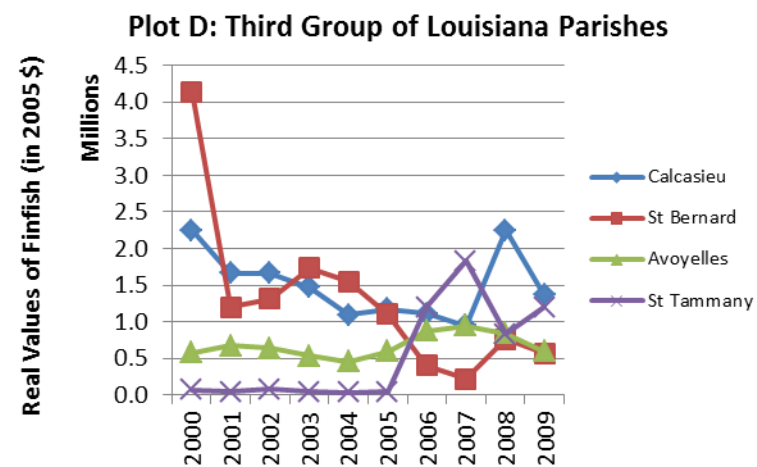
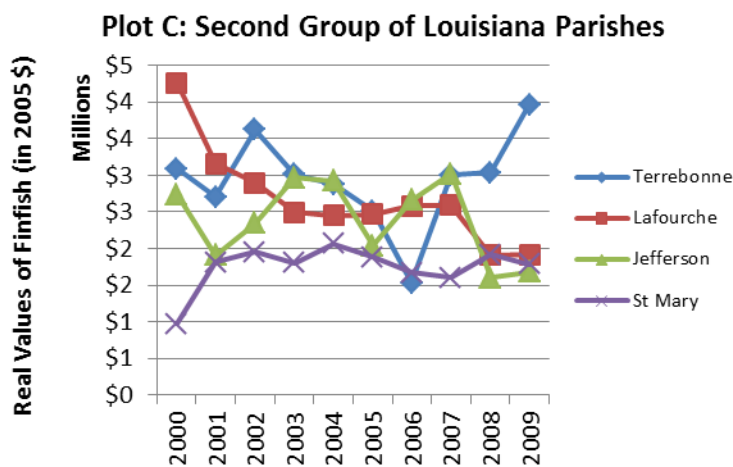
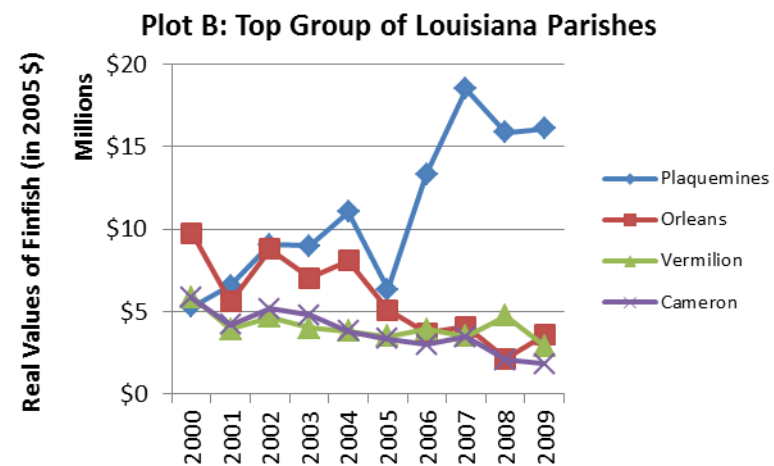
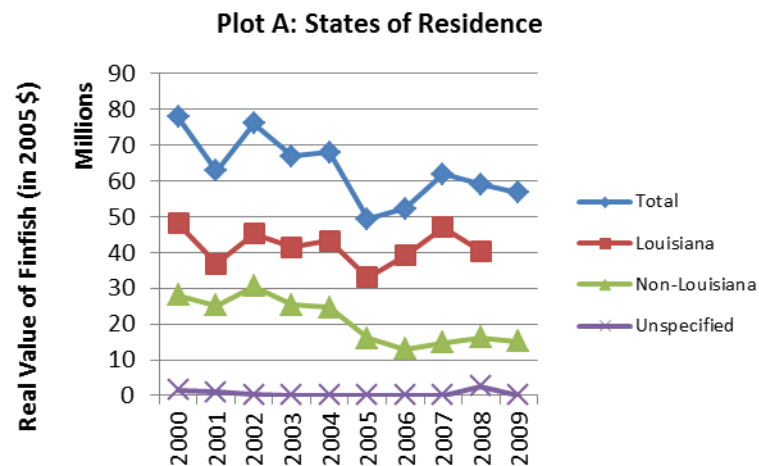
Table D.6 Real Dockside Values of Finfish by Fisherman's Place of Residence, 2000 – 2009 (Continued)

Parish	Real Values of Finfish (in 2005 Dollars)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Beauregard	23,654	2,380	3,825	2,361	2,164	7,932	8,684	5,891	4,611	638,861	70,036
Desoto	41,023	41,892	51,749	79,308	92,264	80,532	97,646	106,265	64,745	23,093	67,852
Pointe Coupee	77,411	67,583	66,912	112,525	70,847	51,399	34,730	47,608	37,360	54,191	62,057
Rapides	52,891	88,783	52,798	31,776	28,944	60,368	267,342	2,658	11,373	9,946	60,688
Sabine	64,600	41,198	71,692	36,085	133,148	70,129	1,693	23,443	18,419	8,032	46,844
St James	96,605	65,836	37,252	32,275	36,554	42,939	40,167	31,382	44,631	31,533	45,917
Caddo	38,722	38,572	34,270	42,937	51,635	53,837	56,667	46,995	40,254	38,390	44,228
Tangipahoa	33,661	58,017	62,058	67,641	37,261	19,814	17,311	32,129	28,986	19,647	37,653
Allen	152,123	219,060	0	65	151	0	0	734	0	0	74,427
Lafayette	14,287	8,672	10,597	12,265	53,235	27,811	188,622	12,689	6,541	22,088	35,681
Bossier	23,611	19,698	16,227	14,201	26,606	38,400	41,594	42,145	34,659	25,908	28,305
Livingston	19,024	60,110	21,539	8,513	9,433	30,317	59,121	17,133	19,382	6,760	25,133
Evangeline	42,277	104,261	49,002	6,747	7,828	551	5,086	92	221	0	24,007
Jefferson Davis	27,125	27,761	12,107	6,857	59,924	12,404	28,626	3,460	9,099	1,728	18,909
Bienville	11,884	20,263	11,858	8,410	17,182	12,458	11,455	51,317	2,988	11,953	15,977
East Feliciana	15,229	14,275	23,095	30,181	32,616	27,741	246	716	85	0	16,020
West Feliciana	0	637	790	0	369	55	35,053	30,389	33,214	31,027	16,442
Franklin	6,305	44	7,266	2,760	6,931	77,054	5,253	2,893	15,578	2,275	12,636
Union	4,284	3,913	628	13,850	16,317	18,634	12,889	27,443	17,037	9,617	12,461
Ascension	20,229	31,708	17,832	9,507	11,316	4,530	5,024	6,181	3,853	6,233	11,641
Tensas	1,025	112	0	0	0	0	6,099	54,869	11,413	12,588	14,351
Ouachita	11,985	1,062	1,892	135	719	175	55,017	1,116	2,315	603	7,502
Richland	7,528	4,561	2,751	0	0	212	9,093	22,930	5,188	16,900	8,645
Caldwell	20,410	12,802	14,820	10,835	948	1,611	0	1,948	330	749	7,161

Table D.6 Real Dockside Values of Finfish by Fisherman's Place of Residence, 2000 – 2009 (Continued)

Parish	Real Values of Finfish (in 2005 Dollars)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
West Baton Rouge	2,546	8,410	792	3,364	2,550	8,468	4,437	29,219	3,696	242	6,372
Red River	0	0	6,038	5,650	6,086	9,593	9,332	11,998	4,774	2,801	7,034
Winn	8,179	17,560	1,674	0	5,069	1,911	4,942	3,056	631	164	4,798
Natchitoches	0	696	1,957	1,209	5,378	2,909	4,031	6,887	9,382	9,392	4,649
Acadia	3,598	8,522	5,946	4,630	3,197	3,874	64	3,362	4,027	2,261	3,948
St John	1,334	4,045	3,899	5,677	2,964	1,882	581	7,750	1,109	4,343	3,358
Webster	25	744	17,461	7,329	7,943	0	0	20	0	0	5,587
West Carroll	15,230	2,860	0	0	1,792	7,541	2,613	0	0	136	5,029
Lincoln	0	1,779	197	0	1,012	2,657	7,053	7,366	4,510	1,284	3,232
La Salle	6,062	4,918	9,132	180	0	0	120	1,315	0	0	3,621
Grant	871	3,379	2,515	3,972	7,977	654	0	0	0	0	3,228
Madison	9,476	5,115	0	0	133	0	11	0	0	0	3,684
East Carroll	10,990	2,083	0	0	0	0	0	0	0	295	4,456
Claiborne	0	0	0	0	0	0	0	2,321	0	0	2,321
Vernon	0	0	1,574	474	0	0	0	0	34	0	694
Morehouse	0	0	320	405	59	149	49	871	22	159	254
Jackson	0	0	0	0	0	125	0	0	0	0	125
Unspecified	1,536,799	1,000,405	343,754	37,068	98,437	165,263	91,347	58,715	2,537,646	11,139	588,057
Total	77,836,015	62,847,337	76,100,199	66,935,683	67,956,314	49,294,102	52,229,988	61,866,280	59,093,532	56,703,362	63,086,281

Note: The average was based on the number of entries in individual parish. The asterisk (*) means that the disaggregation is presented in Table D.9. The average was based on the number of non-zero entries in individual parish.



Source: Appendix Table D.6. Note: The disaggregation of the real dockside value of finfish by non-Louisianans (Plot A) is presented in Appendix Figure D.2.

Figure D.1 Real Dockside Values of Finfish by Fisherman's Place of Residence, 2000 – 2009

Table D.7 Finfish Landings by Non-Louisiana State of Residence, 2000 – 2009

State	Finfish Landings (in Pounds)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Virginia	332,173,270	257,475,975	355,730,135	274,912,055	229,945,340	143,520,030	124,171,100	133,545,740	151,255,850	164,378,470	216,710,797
Mississippi	186,290,455	166,247,038	228,052,394	217,009,223	210,589,150	160,387,991	140,685,838	163,316,144	122,497,421	134,623,047	172,969,870
Florida	66,251,528	49,970,549	40,966,003	44,496,550	38,853,235	26,069,456	1,440,812	1,382,150	958,677	971,917	27,136,088
Alabama	474,012	280,637	226,752	231,120	264,478	77,409	10,198,306	8,228,672	29,355	762	2,001,150
North Carolina	229,284	37,268	22,202	149,480	16,297	0	7,872	2,566,350	895,452	501,830	491,782
Texas	173,690	216,212	249,259	135,757	124,647	13,540	85,544	10,604	6,821	13,492	102,957
West Virginia	64,213	47,093	36,299	62,507	52,832	51,996	47,796	55,345	63,067	59,728	54,088
New Jersey	56,438	11,893	18,026	0	10,643	31,585	0	0	0	14,187	23,795
Georgia	22,086	6,366	0	9,030	9,367	0	0	25,232	15,187	11,745	14,145
Kentucky	0	2,011	2,824	0	24,928	0	0	0	0	0	9,921
Missouri	0	0	0	7,443	0	0	0	0	0	0	7,443
Arizona	0	0	0	6,700	2,600	0	0	207	0	0	3,169
Pennsylvania	775	0	0	0	0	0	0	0	0	0	775
Kansas	0	722	0	0	0	0	0	0	0	0	722
New Mexico	707	104	0	0	0	0	0	0	0	0	406
Tennessee	0	274	0	0	0	0	0	0	0	0	274
Total	585,736,458	474,296,142	625,303,894	537,019,865	479,893,517	330,152,007	276,637,268	309,130,444	275,721,830	300,575,178	419,446,660

Note: This table disaggregates finfish landings of the out-of-state (first row) of Table D.4. The average was based on the number of non-zero entries in individual parish. Finfish landings for Mississippi, Virginia and Florida constituted approximately 99.2 percent of total finfish landings by out-of-state residents.

Table D.8 Nominal Dockside Values of Finfish by Non-Louisiana State of Residence, 2000 – 2009

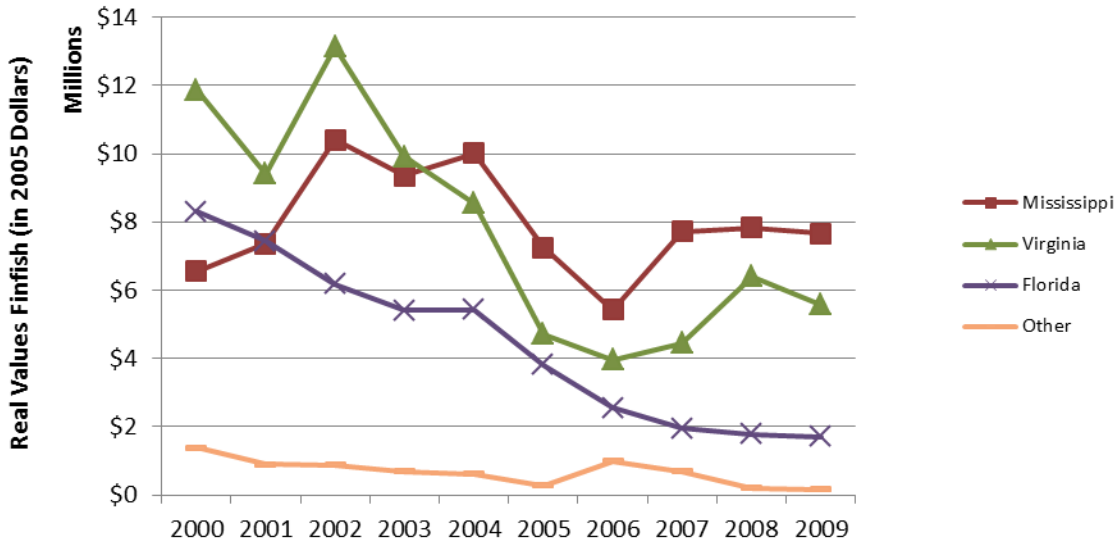
State	Nominal Values of Finfish (in \$)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Mississippi	5,835,955	6,695,569	9,570,562	8,784,110	9,702,486	7,239,254	5,592,142	8,170,714	8,541,869	8,420,581	7,855,324
Virginia	10,562,836	8,571,207	12,081,354	9,315,856	8,289,975	4,712,598	4,077,260	4,720,688	6,969,315	6,133,525	7,543,461
Florida	7,388,514	6,762,609	5,687,637	5,073,798	5,267,900	3,802,393	2,616,977	2,068,816	1,946,876	1,877,702	4,249,322
Alabama	499,986	273,746	223,619	162,096	272,324	99,488	669,047	487,632	17,081	866	270,589
Texas	318,131	408,080	461,782	276,929	173,123	31,191	273,769	7,840	5,623	16,772	197,324
West Virginia	95,048	81,602	68,447	91,371	84,317	90,129	57,796	100,521	103,948	84,803	85,798
North Carolina	202,156	20,128	12,865	90,944	3,016	0	6,950	92,907	63,510	18,725	56,800
New Jersey	107,130	23,436	29,672	0	18,815	49,236	0	0	0	29,178	42,911
Kentucky	0	944	1,271	0	41,748	0	0	0	0	0	14,654
Georgia	12,103	3,028	0	6,043	6,005	0	0	35,505	23,238	15,949	14,553
Missouri	0	0	0	9,363	0	0	0	0	0	0	9,363
Arizona	0	0	0	3,113	950	0	0	97	0	0	1,387
New Mexico	1,080	188	0	0	0	0	0	0	0	0	634
Tennessee	0	132	0	0	0	0	0	0	0	0	132
Kansas	0	124	0	0	0	0	0	0	0	0	124
Pennsylvania	116	0	0	0	0	0	0	0	0	0	116
Total	25,023,055	22,840,793	28,137,209	23,813,623	23,860,659	16,024,289	13,293,941	15,684,720	17,671,460	16,598,101	20,294,785

Note: This table disaggregates finfish values of the out-of-state (first row) of Table D.5. The average was based on the number of non-zero entries in individual parish. Finfish nominal values for Mississippi, Virginia and Florida constituted approximately 96.7 percent of total finfish sales by out-of-state residents.

Table D.9 Real Dockside Values of Finfish by Non-Louisiana State of Residence, 2000 – 2009

State	Real Values of Finfish (in 2005 Dollars)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Mississippi	6,557,253	7,357,769	10,402,785	9,344,797	10,002,563	7,239,254	5,429,264	7,708,220	7,836,577	7,655,074	7,953,356
Virginia	11,868,355	9,418,909	13,131,906	9,910,485	8,546,366	4,712,598	3,958,505	4,453,479	6,393,867	5,575,932	7,797,040
Florida	8,301,701	7,431,439	6,182,214	5,397,657	5,430,825	3,802,393	2,540,754	1,951,713	1,786,125	1,707,002	4,453,182
Alabama	561,782	300,819	243,064	172,443	280,746	99,488	649,560	460,030	15,671	787	278,439
Texas	357,451	448,439	501,936	294,605	178,477	31,191	265,795	7,396	5,159	15,247	210,570
West Virginia	106,796	89,673	74,399	97,203	86,925	90,129	56,112	94,832	95,365	77,094	86,853
North Carolina	227,141	22,119	13,984	96,748	3,110	0	6,748	87,648	58,266	17,023	59,199
New Jersey	120,371	25,754	32,252	0	19,397	49,236	0	0	0	26,526	45,589
Georgia	13,599	3,327	0	6,429	6,190	0	0	33,495	21,319	14,499	14,123
Kentucky	0	1,038	1,381	0	43,039	0	0	0	0	0	15,153
Missouri	0	0	0	9,961	0	0	0	0	0	0	9,961
Arkansas	0	0	0	3,311	979	0	0	91	0	0	1,460
New Mexico	1,214	207	0	0	0	0	0	0	0	0	711
Tennessee	0	145	0	0	0	0	0	0	0	0	145
Kansas	0	136	0	0	0	0	0	0	0	0	136
Pennsylvania	131	0	0	0	0	0	0	0	0	0	131
Total	28,115,794	25,099,774	30,583,921	25,333,639	24,598,617	16,024,289	12,906,738	14,796,904	16,212,349	15,089,184	20,876,121

Note: This table disaggregates finfish values of the out-of-state (first row) of Table D.6. The average was based on the number of non-zero entries in individual parish. Finfish real values for Mississippi, Virginia and Florida constituted approximately 96.7 percent of total finfish sales by out-of-state residents.



Source: Appendix Table D.9. Other includes Alabama, Texas, West Virginia, North Carolina, etc.

Figure D.2 Real Dockside Values of Finfish by Non-Louisiana State of Residence, 2000 – 2009

Table D.10 Finfish Landings by LDWF Trip Ticket Basin and NMFS Grid, 2000 – 2009

Basin/Grid	Landings of Finfish (in Pounds)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Barataria	163,323,978	91,891,973	106,913,030	109,656,859	135,058,914	96,670,129	104,484,518	127,684,868	146,885,318	144,198,389	122,676,798
Lake Pontchartrain	91,663,221	123,719,967	188,857,857	134,383,802	103,722,613	52,179,759	112,011,777	103,974,614	61,451,930	191,796,106	116,376,165
Terrebonne	55,415,109	43,582,045	42,403,151	62,508,197	64,850,857	15,679,711	34,692,143	16,563,112	84,582,845	24,213,575	44,449,075
Mississippi River	49,558,345	26,553,054	32,484,691	33,365,365	39,353,397	25,051,398	15,610,619	47,101,011	31,615,331	19,704,807	32,039,802
Atchafalaya River	29,625,393	12,446,970	24,102,761	53,383,190	17,588,647	8,958,766	26,775,688	17,341,288	20,845,988	11,987,733	22,305,642
Vermilion-Teche River	7,658,888	5,663,076	6,076,645	3,014,286	2,666,988	2,208,080	5,937,919	1,343,635	4,292,605	8,209,488	4,707,161
Red River	964,866	1,245,050	1,017,206	792,443	1,145,664	965,996	1,268,785	584,922	754,617	829,237	956,879
Mermentau River	1,802,344	1,601,095	383,128	270,754	322,117	555,593	2,016,969	1,258,441	746,639	260,854	921,793
Calcasieu River	904,811	663,247	414,382	1,041,289	752,621	415,944	538,287	1,694,443	480,836	785,887	769,175
Ouachita River	881,309	935,526	912,110	571,684	544,740	659,652	328,229	512,557	537,859	523,988	640,765
Sabine River	513,801	429,560	369,351	381,969	529,057	524,416	545,006	466,386	415,355	64,472	423,937
Pearl River	32,601	9,119	11,111	15,730	30,786	28,034	13,628	6,839	10,999	8,436	16,728
Subtotal	402,344,666	308,740,682	403,945,423	399,385,568	366,566,401	203,897,478	304,223,568	318,532,116	352,620,322	402,582,972	346,283,920
Percent of Total	35.8%	37.2%	35.9%	40.5%	40.9%	30.0%	39.5%	39.2%	46.2%	49.9%	39.5%
Basin/Grid											
Grid 15	145,124,141	64,801,040	338,171,838	249,033,778	200,571,838	164,151,233	88,371,284	253,609,059	174,516,782	187,932,150	186,628,314
Grid 16	198,736,244	240,042,034	63,821,018	289,201,647	239,266,352	195,207,876	253,284,552	67,496,331	156,029,593	74,332,407	177,741,805
Grid 17	370,841,008	181,658,486	290,786,586	37,418,590	81,478,581	114,760,734	123,217,097	170,898,382	78,407,308	139,396,835	158,886,361
Grid 13	2,428,501	2,181,471	17,421,271	4,368,635	4,091,838	1,714,579	1,080,166	1,939,703	654,050	1,830,662	3,771,088
Grid 14	2,229,131	6,169,849	9,266,731	6,130,392	3,061,884	224,257	923,152	174,363	707,159	693,214	2,958,013
Grid 11	202,794	22,817,941	3,741	18,430	52,961	.	2,329	13,792	3,582	19,724	2,570,588
Grid 19	47,911	2,881,168	.	16,369	15,547	12,192	.	.	.	.	594,637

Table D.10 Finfish Landings by LDWF Trip Ticket Basin and NMFS Grid, 2000 – 2009 (Continued)

Basin/Grid	Landings of Finfish (in Pounds)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Grid 18	554,258	832,688	143,922	196,413	36,495	21,631	2,143	.	.	.	255,364
Grid 12	30	47,247	955,185	33,735	.	71,020	.	.	.	.	221,443
Grid 7	296,810	.	.	.	.	.	.	.	.	.	296,810
Grid 10	13,192	4,572	9,251	.	163,755	19,029	.	.	.	.	41,960
Grid 21	142,620	.	.	.	.	.	.	.	.	.	142,620
Grid 5	134,000	.	.	.	.	.	.	.	.	.	134,000
Grid 20	69,735	7,208	.	.	.	18,925	.	.	.	.	31,956
Subtotal	720,820,375	521,443,704	720,579,543	586,417,989	528,739,251	476,201,476	466,880,723	494,131,630	410,318,474	404,204,992	532,973,816
Percent of Total	64.2%	62.8%	64.1%	59.5%	59.1%	70.0%	60.5%	60.8%	53.8%	50.1%	60.5%
Unspecified (Lbs.)	168,851	56,177	4,942	77	6,986	7,926	33,274	3,703	143	1,500	28,358
Percent of Total	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total	1,123,333,894	830,240,563	1,124,529,910	985,803,632	895,312,639	680,106,878	771,137,564	812,667,449	762,938,937	806,789,466	879,286,093

Note: The dots in the grids indicate that no finfish were reportedly landed. The average was based on the number of non-zero entries in individual grid.

Table D.11 Average Nominal Dockside Prices of Finfish by LDWF Trip Ticket Basin and NMFS Grid, 2000 – 2009

Basin/Grid	Nominal Prices of Finfish (in \$)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Terrebonne	1.24	1.27	1.32	1.45	1.57	1.58	1.84	1.74	1.88	2.20	1.61
Lake Pontchartrain	1.15	0.58	0.70	1.10	1.15	0.89	0.66	1.06	1.12	0.81	0.92
Calcasieu River	0.98	0.82	0.80	0.70	0.79	0.96	0.96	0.95	1.02	1.13	0.91
Barataria	0.59	0.58	0.69	0.78	1.23	0.73	0.75	0.88	0.84	1.08	0.82
Pearl River	0.76	0.65	0.69	0.69	0.56	0.46	0.81	1.51	1.01	0.55	0.77
Sabine River	0.56	0.50	0.57	0.59	0.59	0.59	0.65	0.69	0.85	1.33	0.69
Mississippi River	0.51	0.57	0.62	0.57	0.56	0.55	0.51	0.53	0.54	0.51	0.55
Vermilion-Teche River	0.55	0.50	0.45	0.43	0.48	0.54	0.60	0.62	0.66	0.64	0.55
Mermentau River	0.47	0.45	0.46	0.44	0.48	0.46	0.58	0.61	0.67	0.67	0.53
Red River	0.38	0.36	0.35	0.35	0.39	0.39	0.45	0.45	0.43	0.46	0.40
Ouachita River	0.32	0.27	0.28	0.31	0.39	0.31	0.40	0.53	0.50	0.55	0.39
Atchafalaya River	0.39	0.34	0.32	0.31	0.34	0.34	0.35	0.36	0.36	0.30	0.34
Subtotal	0.66	0.56	0.56	0.61	0.70	0.58	0.60	0.64	0.64	0.69	0.62
Percent of Total	74.2%	71.8%	70.0%	71.8%	76.9%	71.6%	73.2%	78.0%	80.0%	81.2%	74.9%
Basin/Grid											
Grid 21	2.24	.	.	.	.	.	.	.	.	.	2.24
Grid 11	1.19	1.41	1.76	1.68	1.72	.	2.26	2.56	3.38	1.97	1.99
Grid 18	1.83	1.77	1.41	1.39	1.51	1.88	1.84	.	.	.	1.66
Grid 20	2.14	1.26	.	.	.	1.55	.	.	.	.	1.65
Grid 14	1.55	1.63	1.55	1.48	1.58	1.83	1.88	1.36	1.75	1.84	1.65
Grid 10	1.78	1.07	1.61	.	2.00	1.63	.	.	.	.	1.62
Grid 15	1.64	1.56	1.50	1.52	1.60	1.69	1.74	1.73	1.57	1.51	1.61

**Table D.11 Average Nominal Dockside Prices of Finfish by LDWF Trip Ticket Basin and NMFS Grid, 2000 – 2009
(Continued)**

Basin/Grid	Nominal Prices of Finfish (in \$)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Grid 19	1.97	1.15	.	1.44	1.56	1.60	.	.	.	.	1.54
Grid 13	1.32	1.33	1.20	1.50	1.53	1.50	1.73	1.72	1.81	1.69	1.53
Grid 16	1.56	1.58	1.67	1.39	1.49	1.30	0.89	1.72	1.70	1.71	1.50
Grid 17	1.26	1.33	1.35	1.56	1.49	1.54	1.55	1.38	1.63	1.30	1.44
Grid 12	0.52	1.15	0.74	1.13	.	0.03	.	.	.	.	0.71
Grid 5	0.03	.	.	.	.	.	.	.	.	.	0.03
Grid 7	0.03	.	.	.	.	.	.	.	.	.	0.03
Subtotal	1.47	1.48	1.41	1.50	1.54	1.57	1.65	1.64	1.69	1.59	1.55
Percent of Total	165.2%	189.7%	176.3%	176.5%	169.2%	193.8%	201.2%	200.0%	211.3%	187.1%	187.0%
Unspecified (\$)	1.06	0.37	1.33	1.05	0.30	0.18	0.48	0.23	1.56	0.20	0.68
Percent of Total	119.1%	47.4%	166.3%	123.5%	33.0%	22.2%	58.5%	28.0%	195.0%	23.5%	81.7%
Total (\$)	0.89	0.78	0.80	0.85	0.91	0.81	0.82	0.82	0.80	0.85	0.83

Note: The dots in the grids indicate that no finfish were reportedly sold. The average was based on the number of non-zero entries in individual grid.

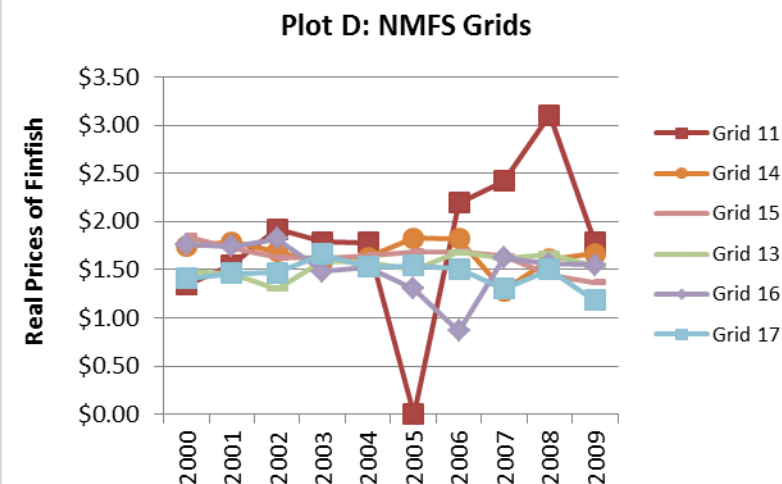
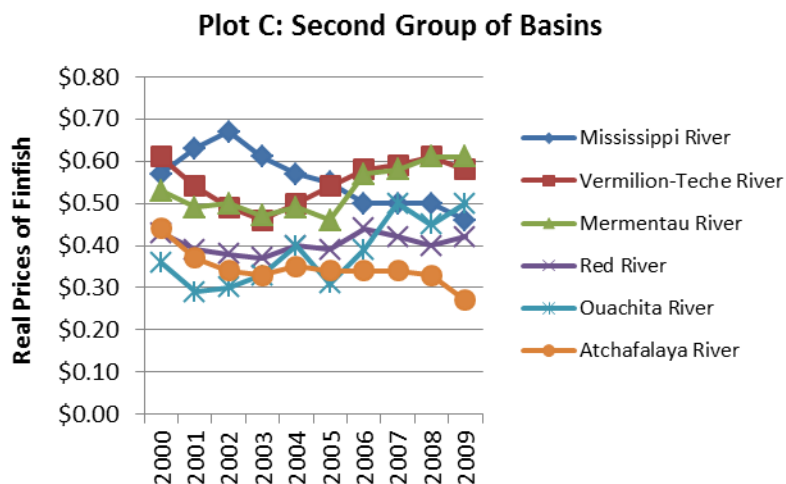
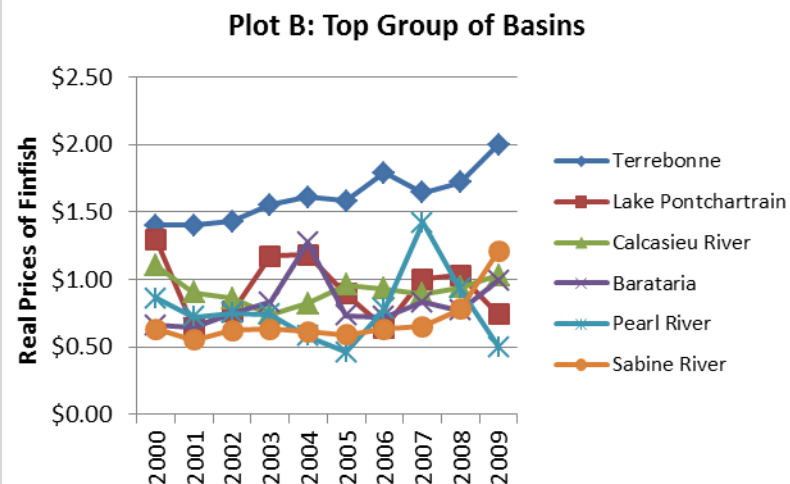
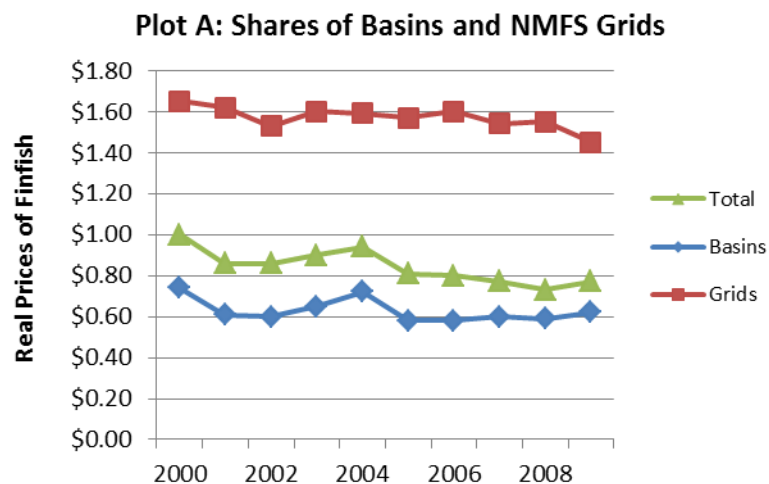
Table D.12 Average Real Dockside Prices of Finfish by LDWF Trip Ticket Basin and NMFS Grid, 2000 – 2009

Basin/Grid	Real Prices of Finfish (in \$)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Terrebonne	1.40	1.40	1.43	1.55	1.61	1.58	1.79	1.64	1.72	2.00	1.61
Lake Pontchartrain	1.29	0.64	0.76	1.17	1.18	0.89	0.64	1.00	1.03	0.74	0.93
Calcasieu River	1.10	0.90	0.86	0.74	0.82	0.96	0.93	0.89	0.94	1.03	0.92
Barataria	0.66	0.64	0.75	0.83	1.27	0.73	0.72	0.83	0.77	0.99	0.82
Pearl River	0.86	0.72	0.75	0.74	0.58	0.46	0.78	1.42	0.93	0.50	0.77
Sabine River	0.63	0.55	0.62	0.63	0.61	0.59	0.63	0.65	0.78	1.21	0.69
Mississippi River	0.57	0.63	0.67	0.61	0.57	0.55	0.50	0.50	0.50	0.46	0.56
Vermilion-Teche River	0.61	0.54	0.49	0.46	0.50	0.54	0.58	0.59	0.61	0.58	0.55
Mermentau River	0.53	0.49	0.50	0.47	0.49	0.46	0.57	0.58	0.61	0.61	0.53
Red River	0.43	0.39	0.38	0.37	0.40	0.39	0.44	0.42	0.40	0.42	0.40
Ouachita River	0.36	0.29	0.30	0.33	0.40	0.31	0.39	0.50	0.45	0.50	0.38
Atchafalaya River	0.44	0.37	0.34	0.33	0.35	0.34	0.34	0.34	0.33	0.27	0.35
Subtotal	0.74	0.61	0.60	0.65	0.72	0.58	0.58	0.60	0.59	0.62	0.63
Percent of Total	74.0%	70.9%	69.8%	72.2%	76.6%	71.6%	72.5%	77.9%	80.8%	80.5%	74.7%
Basin/Grid											
Grid 21	2.51	.	.	.	.	.	.	.	.	.	2.51
Grid 11	1.34	1.55	1.92	1.79	1.78	.	2.19	2.42	3.10	1.79	1.99
Grid 20	2.41	1.38	.	.	.	1.55	.	.	.	.	1.78
Grid 18	2.06	1.95	1.54	1.48	1.56	1.88	1.78	.	.	.	1.75
Grid 10	2.00	1.18	1.75	.	2.07	1.63	.	.	.	.	1.73
Grid 14	1.74	1.79	1.69	1.58	1.63	1.83	1.82	1.28	1.61	1.67	1.66
Grid 19	2.21	1.27	.	1.53	1.61	1.60	.	.	.	.	1.64

Table D.12 Average Real Dockside Prices of Finfish by LDWF Trip Ticket Basin and NMFS Grid, 2000 – 2009 (Continued)

Basin/Grid	Real Prices of Finfish (in \$)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Grid 15	1.85	1.72	1.63	1.62	1.65	1.69	1.69	1.64	1.44	1.37	1.63
Grid 13	1.48	1.46	1.30	1.59	1.58	1.50	1.68	1.62	1.66	1.54	1.54
Grid 16	1.76	1.74	1.82	1.48	1.53	1.30	0.86	1.62	1.56	1.55	1.52
Grid 17	1.41	1.46	1.47	1.66	1.53	1.54	1.51	1.30	1.50	1.18	1.46
Grid 12	0.58	1.26	0.80	1.21	.	0.03	.	.	.	.	0.78
Grid 5	0.04	.	.	.	.	.	.	.	.	.	0.04
Grid 7	0.04	.	.	.	.	.	.	.	.	.	0.04
Subtotal	1.65	1.62	1.53	1.60	1.59	1.57	1.60	1.54	1.55	1.45	1.57
Percent of Total	165.0%	188.4%	177.9%	177.8%	169.1%	193.8%	200.0%	200.0%	212.3%	188.3%	187.3%
Unspecified (\$)	1.20	1.30	1.52	1.11	0.31	0.24	0.47	0.32	1.43	0.18	0.81
Percent of Total	120.0%	151.2%	176.7%	123.3%	33.0%	29.6%	58.8%	41.6%	195.9%	23.4%	95.3%
Total (\$)	1.00	0.86	0.86	0.90	0.94	0.81	0.80	0.77	0.73	0.77	0.84

Note: The dots in the grids indicate that no finfish were reportedly sold. The average was based on the number of non-zero entries in individual grid.



Source: Appendix Table D.12.

Figure D.3 Average Real Dockside Prices of Finfish by LDWF Trip Ticket Basin and NMFS Grid, 2000 – 2009

Table D.13 Nominal Dockside Values of Finfish by LDWF Trip Ticket Basin and NMFS Grid, 2000 – 2009 (Continued)

Basin	Nominal Values of Finfish (in \$)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Barataria	5,513,440	5,228,043	6,342,891	5,966,395	8,707,618	5,992,442	6,818,183	12,117,466	13,539,510	11,019,367	8,124,536
Lake Pontchartrain	6,930,479	5,548,850	9,048,587	7,191,803	6,180,846	3,085,412	6,264,923	8,765,554	5,580,249	14,376,950	7,297,365
Mississippi River	2,754,144	3,297,299	3,165,027	3,360,428	4,696,635	2,765,459	2,301,822	4,892,246	3,618,691	2,081,914	3,293,367
Terrebonne	2,298,653	2,267,264	2,448,250	3,109,076	4,085,186	1,355,129	2,156,815	1,726,635	7,257,108	2,235,530	2,893,965
Atchafalaya River	1,875,545	1,603,318	2,271,231	3,248,319	2,286,343	1,875,566	2,854,774	3,446,095	3,076,119	2,000,134	2,453,744
Vermilion-Teche River	729,067	779,225	838,720	898,396	1,198,749	1,122,044	1,151,229	741,867	1,174,649	1,441,674	1,007,562
Calcasieu River	701,534	431,678	251,486	317,644	497,710	409,891	516,238	641,704	473,818	750,419	499,212
Mermentau River	448,536	308,775	177,376	115,650	150,719	251,982	560,411	732,820	424,854	142,507	331,363
Red River	240,448	339,873	247,237	196,064	295,521	262,019	772,669	193,683	220,219	232,871	300,060
Sabine River	261,200	204,055	182,410	182,371	251,556	269,673	260,116	239,037	233,873	61,953	214,624
Ouachita River	213,499	197,326	189,517	126,154	153,089	164,125	90,616	202,829	167,274	183,498	168,793
Pearl River	23,527	5,838	7,269	11,110	17,607	14,979	9,368	4,734	7,232	3,412	10,508
Subtotal	21,990,072	20,211,544	25,170,001	24,723,410	28,521,579	17,568,721	23,757,164	33,704,670	35,773,596	34,530,229	34,530,229
Percent of Total	31.7%	35.3%	36.0%	39.3%	43.3%	35.6%	44.2%	51.4%	55.5%	55.4%	42.8%
NMFS Grids											
Grid 15	11,495,879	7,656,207	19,316,508	15,462,080	14,345,287	12,885,671	10,626,527	16,553,021	12,038,492	11,728,928	13,210,860
Grid 17	15,799,561	8,678,709	14,742,588	7,113,766	8,401,221	8,263,571	8,394,490	9,583,237	6,255,336	8,262,580	9,549,506
Grid 16	9,731,037	11,446,256	5,593,760	12,122,317	10,967,471	8,128,592	8,818,863	3,717,328	7,646,362	4,539,987	8,271,197
Grid 13	3,555,112	2,954,087	3,727,441	2,387,272	2,498,577	1,812,041	1,660,568	1,640,784	1,347,665	1,859,543	2,344,309
Grid 14	3,955,218	1,871,664	1,130,023	676,727	507,068	396,545	511,775	228,783	1,337,491	1,423,770	1,203,906
Grid 18	1,501,338	938,274	258,648	346,544	64,458	49,905	5,010	.	.	.	452,025
Grid 21	425,488	.	.	.	.	.	.	.	.	.	425,488

Table D.13 Nominal Dockside Values of Finfish by LDWF Trip Ticket Basin and NMFS Grid, 2000 – 2009 (Continued)

Basin	Nominal Values of Finfish (in \$)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Grid 11	234,338	1,121,132	6,371	8,787	36,354	.	4,196	44,820	12,784	28,363	166,349
Grid 10	26,923	2,163	18,378	.	545,172	55,927	.	.	.	.	129,713
Grid 20	197,209	12,549	.	.	.	39,807	.	.	.	.	83,188
Grid 19	126,455	151,590	.	30,576	28,662	23,461	.	.	.	.	72,149
Grid 12	11	52,082	34,546	47,984	.	2,332	.	.	.	.	27,391
Grid 7	9,746	.	.	.	.	.	.	.	.	.	9,746
Grid 5	4,400	.	.	.	.	.	.	.	.	.	4,400
Subtotal	47,062,715	34,884,713	44,828,263	38,196,053	37,394,270	31,657,852	30,021,429	31,767,973	28,638,130	27,843,171	35,229,457
Percent of Total	67.9%	61.0%	64.0%	60.7%	56.7%	64.2%	55.8%	48.4%	44.5%	44.6%	56.8%
Unspecified	221,269	2,094,820	13,918	80	1,776	67,529	18,296	105,615	222	300	252,383
Percent of Total	0.3%	3.7%	0.0%	0.0%	0.0%	0.1%	0.0%	0.2%	0.0%	0.0%	0.4%
Total	69,274,053	57,191,077	70,012,183	62,919,542	65,917,624	49,294,102	53,796,887	65,578,257	64,411,950	62,373,699	62,076,937

Note: The dots in the grids indicate that no finfish were reportedly sold. The average was based on the number of non-zero entries in individual grid.

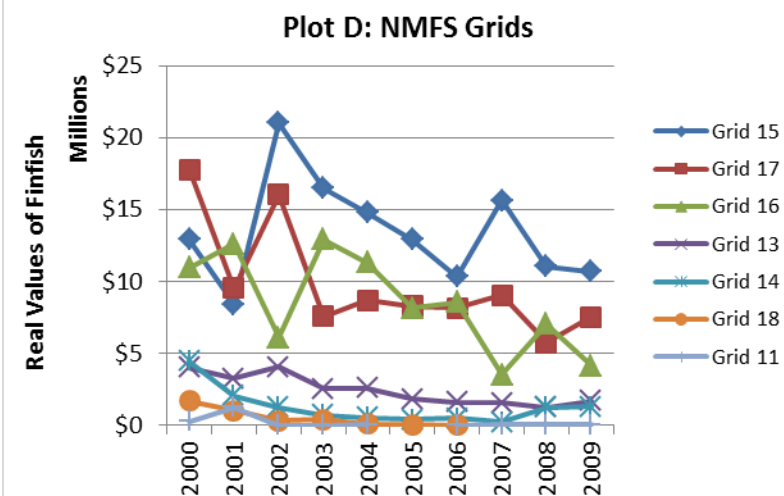
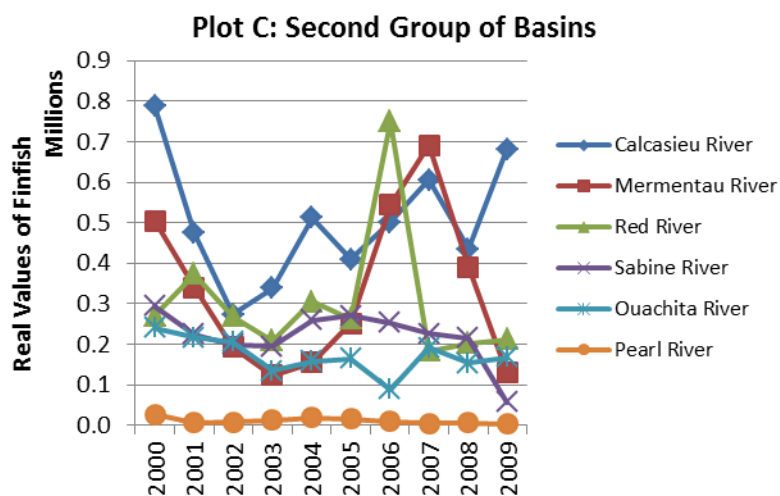
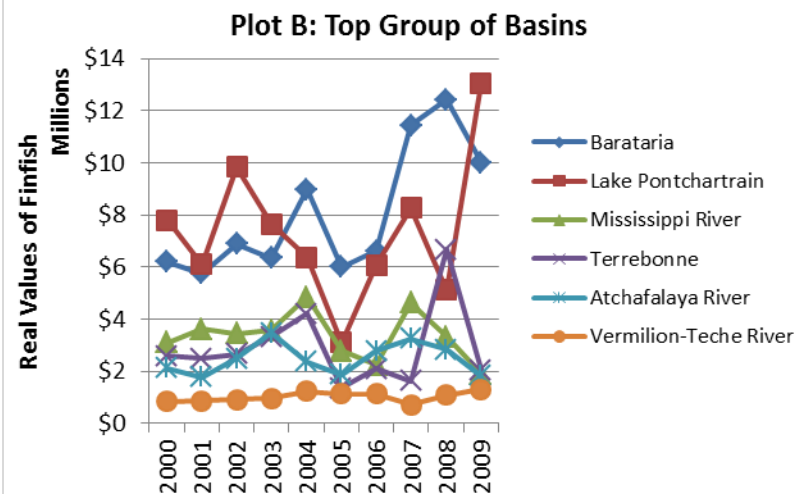
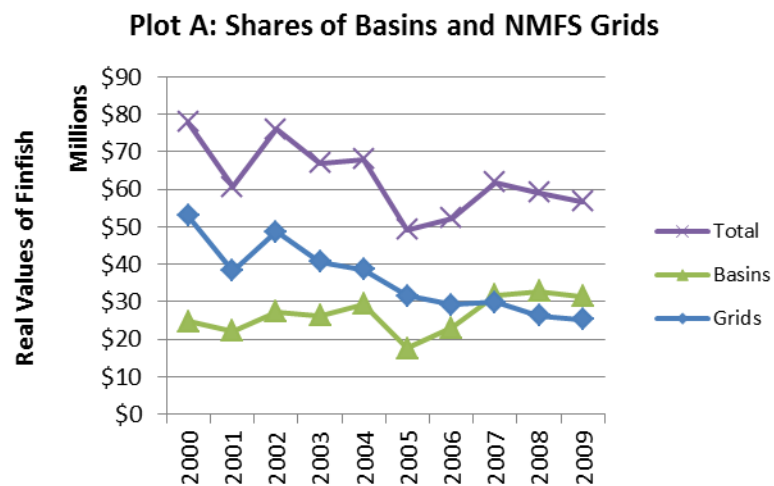
Table D.14 Real Dockside Values of Finfish by LDWF Trip Ticket Basin and NMFS Grid, 2000 – 2009

Basin	Real Values of Finfish (in \$)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Barataria	6,194,876	5,745,102	6,894,447	6,347,229	8,976,926	5,992,442	6,619,595	11,431,572	12,421,569	10,017,606	8,064,136
Lake Pontchartrain	7,787,055	6,097,637	9,835,421	7,650,855	6,372,006	3,085,412	6,082,449	8,269,391	5,119,495	13,069,954	7,336,968
Mississippi River	3,094,544	3,623,405	3,440,246	3,574,923	4,841,891	2,765,459	2,234,779	4,615,327	3,319,900	1,892,649	3,340,312
Terrebonne	2582756	2,491,499	2661141	3,307,527	4211532	1355129	2,093,995	1,628,901	6657898	2032300	2,902,268
Atchafalaya River	2,107,353	1,761,888	2,468,729	3,455,659	2,357,055	1,875,566	2,771,625	3,251,033	2,822,128	1,818,304	2,468,934
Vermilion-Teche River	819,176	856,292	911,652	955,741	1,235,824	1,122,044	1,117,698	699875	1,077,660	1,310,612	1,010,657
Calcasieu River	788,241	474,372	273,355	337,919	513,103	409,891	501,202	605,381	434,696	682,199	502,036
Mermentau River	503,973	339,313	192,800	123,032	155,380	251,982	544,089	691,340	389,774	129,552	332,124
Red River	270,166	373,487	268,736	208,578	304,661	262,019	750,164	182719	202,036	211,701	303,427
Sabine River	293,483	224,236	198,272	194,011	259,336	269,673	252,540	225,506	214,563	56,321	218,794
Ouachita River	239,887	216,842	205,996	134,207	157,823	164,125	87,976	191,348	153,463	166,816	171,848
Pearl River	26,435	6,415	7,901	11,819	18,151	14,979	9,095	4,466	6,634	3,102	10,900
Subtotal	24,707,945	22,276,103	27,370,213	26,301,585	29,405,519	17,570,964	23,082,970	31,797,378	32,820,020	31,391,389	26,672,409
Percent of Total	31.7%	36.8%	36.0%	39.3%	43.3%	35.7%	44.2%	51.5%	55.5%	55.4%	42.9%
NMFS Grids											
Grid 15	12,916,718	8,413,414	20,996,204	16,449,021	14,788,956	12,885,671	10,317,016	15,616,058	11,044,488	10,662,662	13,409,021
Grid 17	17,752,315	9,537,043	16,024,553	7,567,836	8,661,053	8,263,571	8,149,990	9,040,790	5,738,840	7,511,436	9,824,743
Grid 16	10,933,750	12,578,304	6,080,174	12,896,082	11,306,671	8,128,592	8,562,003	3,506,913	7,015,011	4,127,261	8,513,476
Grid 13	3,994,508	3,246,250	4,051,566	2,539,651	2,575,852	1,812,041	1,612,202	1,547,909	1,236,390	1,690,493	2,430,686
Grid 14	4,444,066	2,056,774	1,228,285	719,922	522,751	396,545	496,869	215,833	1,227,056	1,294,336	1,260,244
Grid 18	1,686,897	1,031,071	281,139	368,664	66,452	49,905	4,864	.	.	.	498,427
Grid 11	263,301	1,232,013	6,925	9,348	37,479	.	4,074	42,283	11,728	25,785	181,437

Table D.14 Real Dockside Values of Finfish by LDWF Trip Ticket Basin and NMFS Grid, 2000 – 2009 (Continued)

Basin	Real Values of Finfish (in \$)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Grid 10	30,250	2,376	19,976	.	562,033	55,927	.	.	.	.	134,112
Grid 21	478,076	.	.	.	.	.	.	.	.	.	478,076
Grid 19	142,085	166,582	.	32,527	29,549	23,461	.	.	.	.	78,841
Grid 20	221,583	13,790	.	.	.	39,807	.	.	.	.	91,727
Grid 12	13	57,233	37,550	51,046	.	2,332	.	.	.	.	29,635
Grid 7	10,951	.	.	.	.	.	.	.	.	.	10,951
Grid 5	4,944	.	.	.	.	.	.	.	.	.	4,944
Subtotal	52,879,457	38,334,850	48,726,372	40,634,097	38,550,796	31,657,852	29,147,018	29,969,786	26,273,513	25,311,973	36,148,571
Percent of Total	67.9%	63.2%	64.0%	60.7%	56.7%	64.3%	55.8%	48.5%	44.5%	44.6%	57.0%
Unspecified	238,225	65,615	11,517	85	1,831	2,243	17,763	519	204	273	33,828
Percent of Total	0.3%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total	77,825,623	60,610,953	76,096,588	66,935,683	67,956,314	49,228,816	52,229,988	61,767,163	59,093,532	56,703,362	62,844,802

Note: The dots in the grids indicate that no finfish were reportedly sold. The average was based on the number of non-zero entries in individual grid.



Source: Appendix Table D.14.

Figure D.4 Real Dockside Values of Finfish by LDWF Trip Ticket Basin and NMFS Grid, 2000 – 2009

Table D.15 Finfish Landings by Gear Type, 2000 – 2009

Gear Type	Finfish Landings (in Pounds)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Purse Seine, Menhaden	1,087,093,075	859,919,406	1,093,996,770	953,713,510	862,942,245	657,684,396	745,399,120	789,591,650	741,182,140	785,574,598	857,709,691
Hoop & Fyke Nets, Fish	6,602,924	6,768,212	7,082,373	5,829,546	6,413,575	6,341,796	6,573,278	7,076,588	6,566,794	5,504,509	6,475,960
Gillnets, Strike	7,568,554	4,378,345	3,070,961	5,136,888	5,300,826	1,635,089	3,615,661	1,706,628	2,005,854	842,530	3,526,134
Longline, Surface	3,612,515	2,772,684	3,759,546	3,659,576	3,943,362	2,879,358	2,832,645	3,347,761	1,904,033	2,829,737	3,154,122
Trot Lines	3,179,968	2,984,071	2,804,412	3,318,136	4,016,600	3,041,949	2,592,761	2,688,994	2,660,527	3,335,787	3,062,321
Hand Lines	1,926,668	1,342,191	1,728,622	2,734,615	3,101,391	2,121,323	1,398,847	2,462,221	2,117,031	1,735,214	2,066,812
Electric/Hydraulic Reel	1,916,680	2,163,178	2,486,200	2,026,475	1,709,846	1,325,244	1,805,937	1,675,415	1,437,285	1,522,167	1,806,843
Gillnets, Stake	1,086,872	1,625,998	1,241,059	1,310,245	1,572,560	1,853,669	2,044,091	1,647,583	1,347,845	1,131,649	1,486,157
Dip Nets	725,631	2,167,278	1,834,560	1,632,966	1,359,415	1,251,908	853,508	1,304,391	1,091,523	1,103,069	1,332,425
Otter Trawl, Shrimp	2,084,958	1,842,798	1,675,064	1,664,846	880,342	429,538	266,331	671,365	444,816	346,164	1,030,622
Mannual Reel	1,834,969	1,624,233	1,485,339	1,597,834	1,390,606	915,554	449,769	265,769	145,538	174,403	988,401
Longline, Bottom	2,766,552	1,861,015	1,551,980	968,283	686,517	398,023	317,852	209,375	159,988	198,390	911,798
Haul Seine	744,792	479,117	297,129	266,149	583,445	339,288	522,393	317,719	454,007	447,894	445,193
Otter Trawl, Fish	571,265	556,276	409,678	980,557	411,735	264,605	296,448	417,097	49,579	362,251	431,949
Skimmer Nets	240,061	669,254	567,179	297,527	384,646	131,316	241,899	344,653	604,292	724,690	420,552
Troll Lines	384,194	369,412	36,246	115,549	206,231	164,108	397,383	332,834	206,501	391,011	260,347
Trammel Nets	498,005	209,715	147,174	126,902	103,172	230,522	216,575	337,490	221,278	223,324	231,416
Rod & Reel	570,796	237,445	233,037	138,186	123,413	78,874	42,947	49,294	23,622	35,052	153,267
Purse Seine, Other	11,643	13,443	.	.	603	58,979	1,100,135	21,574	139,014	86,357	178,969
Butterfly Nets	59,597	12,575	14,073	173,371	33,529	5,266	43,789	26,146	41,775	37,711	44,783
Slat Traps	66,123	67,693	20,874	7,432	12,496	15,437	8,132	26,515	27,536	25,386	27,762
Pots & Traps, Fish	31,592	25,986	25,404	33,272	35,017	29,554	17,191	17,481	25,253	22,139	26,289
Cans, Buckets, Pipes, Drums, Tires	50,434	52,599	13,139	7,636	18,552	17,932	22,647	18,669	20,277	13,807	23,569

Table D.15 Finfish Landings by Gear Type, 2000 – 2009 (Continued)

Gear Type	Finfish Landings (in Pounds)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
By Hand	12	37,627	100,014	17,461	6,541	2,817	19,786	9,056	2,853	4,876	20,104
Pots & Traps, Crab	13,197	4,322	9,942	14,784	10,015	4,411	12,367	27,419	24,489	60,845	18,179
Wire Nets	9,473	15,183	11,851	17,041	39,757	41,951	4,884	13,592	22,794	3,402	17,993
Cast Nets	4,469	1,072	296	10,412	5,740	25,781	441	29,527	5,271	35,255	11,826
Spears & Gigs	8,996	7,032	16,049	3,874	13,435	25,891	8,259	2,990	4,179	14,450	10,516
Pots & Traps, Eel	485	.	.	142	2,155	.	213	1,393	.	347	789
Pots & Traps, Crawfish	243	142	197	30	.	992	.	.	29	940	368
Bush Lines	907	16	756	.	173	125	.	61	.	.	340
Hoop & Fyke Nets, Turtle	216	25	629	111	.	.	.	.	.	.	245
Pots & Traps, Turtle	.	.	.	.	.	31	.	.	180	.	106
Oyster Dredge	.	.	.	.	.	.	.	.	.	12	12
Total	1,123,665,866	892,208,341	1,124,620,555	985,803,357	895,307,941	681,315,726	771,105,291	814,641,251	762,936,303	806,787,966	885,839,260

Note: The dots in the gear type indicate that no finfish were reportedly landed. The average was based on the number of non-zero entries in individual gear type. Menhaden constituted an average of 96.8 percent of finfish landings.

Table D.16 Nominal Dockside Values of Finfish by Gear Type, 2000 – 2009

Gear Type	Nominal Values of Finfish (in \$)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Purse Seine, Menhaden	32,874,089	29,726,679	40,377,753	34,464,422	35,248,174	25,769,041	29,715,778	41,364,483	45,960,488	42,554,989	35,805,590
Longline, Surface	10,265,456	7,353,395	10,470,781	9,785,094	11,676,344	8,624,369	8,067,660	9,561,803	5,497,146	7,473,715	8,877,576
Electric/Hydraulic Reel	3,691,900	4,184,620	4,500,367	3,674,452	3,300,696	2,895,822	3,866,276	3,714,583	3,326,534	3,428,643	3,658,389
Hoop & Fyke Nets, Fish	2,661,982	2,384,124	2,322,317	1,823,290	2,226,685	2,134,791	2,369,549	3,455,506	2,195,081	1,656,396	2,322,972
Gillnets, Strike	5,452,197	2,476,503	1,855,156	2,866,837	2,944,016	1,092,390	2,149,192	928,663	923,431	372,380	2,106,077
Mannual Reel	3,581,523	3,280,996	2,774,161	3,060,616	2,722,803	2,045,926	1,162,928	700,138	408,232	407,990	2,014,531
Trot Lines	1,929,707	1,669,868	1,651,917	1,929,910	2,330,542	1,975,472	1,818,191	2,014,872	2,036,745	2,522,350	1,987,957
Hand Lines	1,205,670	782,090	1,183,945	1,851,185	2,289,680	2,001,561	1,489,024	1,358,307	1,512,590	1,065,673	1,473,973
Longline, Bottom	4,331,875	2,298,451	2,618,144	1,394,407	1,029,278	667,650	590,898	367,321	415,837	527,865	1,424,173
Gillnets, Stake	413,254	372,529	267,376	333,986	404,488	537,482	447,823	399,207	493,399	311,024	398,057
Troll Lines	428,886	429,857	41,969	116,185	234,609	238,886	575,319	506,648	430,001	494,510	349,687
Otter Trawl, Shrimp	599,228	586,445	538,890	399,669	326,076	185,100	132,492	237,288	206,714	215,743	342,765
Rod & Reel	843,890	408,541	339,476	153,967	270,721	148,512	107,797	74,274	48,584	87,957	248,372
Skimmer Nets	128,762	354,510	287,638	143,541	153,758	68,477	119,037	186,473	261,678	332,071	203,595
Dip Nets	75,089	217,595	209,038	207,914	217,218	261,043	127,537	230,925	249,974	221,542	201,788
Otter Trawl, Fish	262,715	240,796	150,153	373,848	145,765	99,041	110,566	123,219	37,264	207,950	175,132
Haul Seine	79,284	49,794	33,372	32,946	78,008	275,093	589,204	58,868	82,239	83,888	136,270
Pots & Traps, Fish	152,848	124,694	119,435	168,337	183,794	108,949	99,914	108,700	116,851	158,180	134,170
Trammel Nets	105,356	90,886	62,973	48,530	32,987	38,101	30,193	56,582	39,598	38,572	54,378
Butterfly Nets	57,512	9,079	10,546	29,451	33,947	6,602	58,361	41,890	62,843	60,896	37,113
By Hand	24	46,810	121,079	9,890	2,837	2,924	25,490	8,305	1,526	9,355	22,824
Wire Nets	22,314	21,782	17,898	23,164	18,891	49,862	11,908	9,734	9,837	10,969	19,636
Purse Seine, Other	1,341	1,880	.	.	183	10,366	66,828	5,165	31,606	20,850	17,277

Table D.16 Nominal Dockside Values of Finfish by Gear Type, 2000 – 2009 (Continued)

Gear Type	Nominal Values of Finfish (in \$)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Pots & Traps, Crab	12,783	3,741	6,828	11,571	9,670	5,019	14,029	29,867	26,526	51,207	17,124
Spears & Gigs	16,349	11,921	24,323	6,491	17,674	28,407	15,108	5,225	9,655	30,510	16,566
Slat Traps	35,646	33,623	9,606	4,699	7,206	8,233	4,683	15,649	14,698	14,089	14,813
Cans, Buckets, Pipes, Drums, Tires	22,250	21,977	11,043	3,157	8,453	8,433	12,807	9,588	9,261	5,932	11,290
Cast Nets	2,807	3,522	876	1,804	1,033	4,394	366	3,834	2,245	7,876	2,876
Pots & Traps, Eel	409	.	.	64	934	.	90	557	.	67	354
Bush Lines	889	13	613	.	310	130	.	32	.	.	331
Hoop & Fyke Nets, Turtle	22	9	662	35	.	.	.	.	.	.	182
Pots & Traps, Crawfish	255	139	89	11	.	189	.	.	23	188	128
Pots & Traps, Turtle	.	.	.	.	.	55	.	.	36	.	46
Oyster Dredge	.	.	.	.	.	.	.	.	.	24	24
Total	69,274,053	57,191,077	70,012,183	62,919,542	65,917,624	49,294,102	53,796,887	65,578,257	64,411,950	62,373,699	62,076,937

Note: The dots in the gear type indicate that no finfish were reportedly sold. The average was based on the number of non-zero entries in individual gear type. Menhaden constituted an average of 57.6 percent of finfish value.

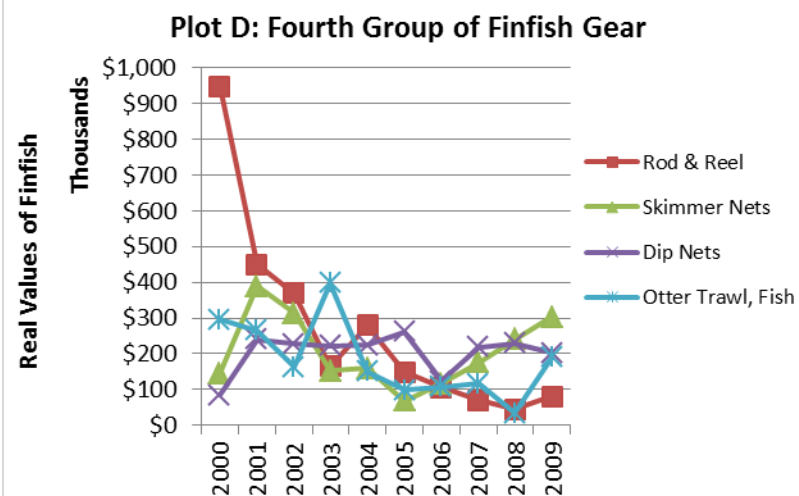
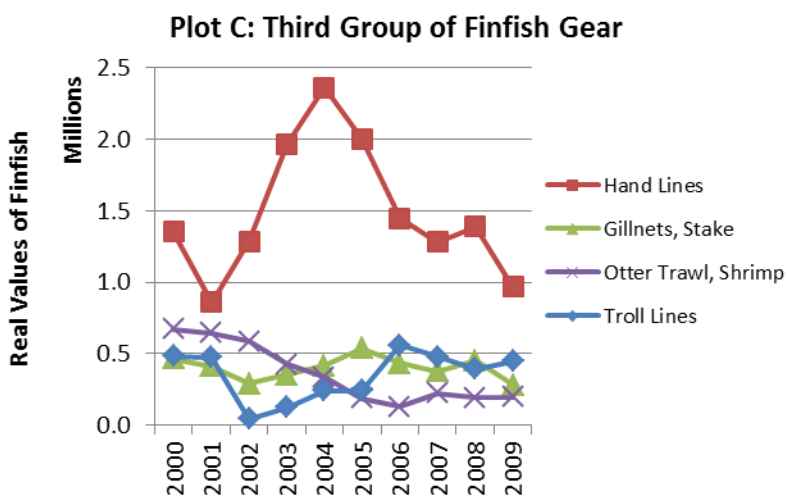
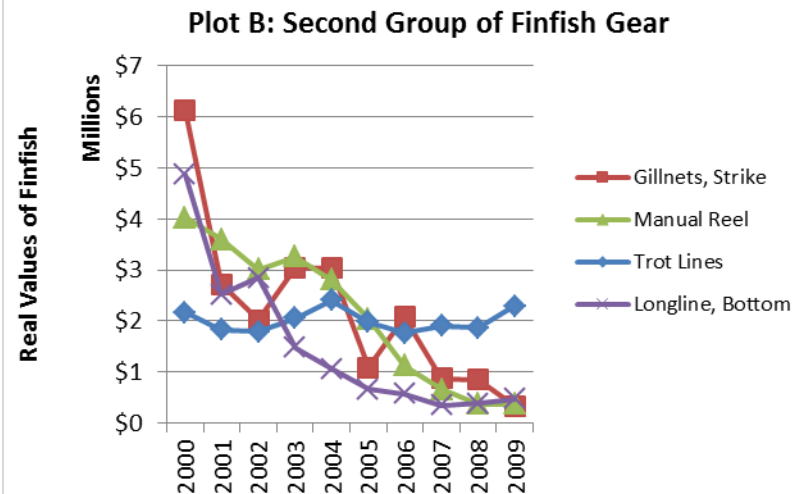
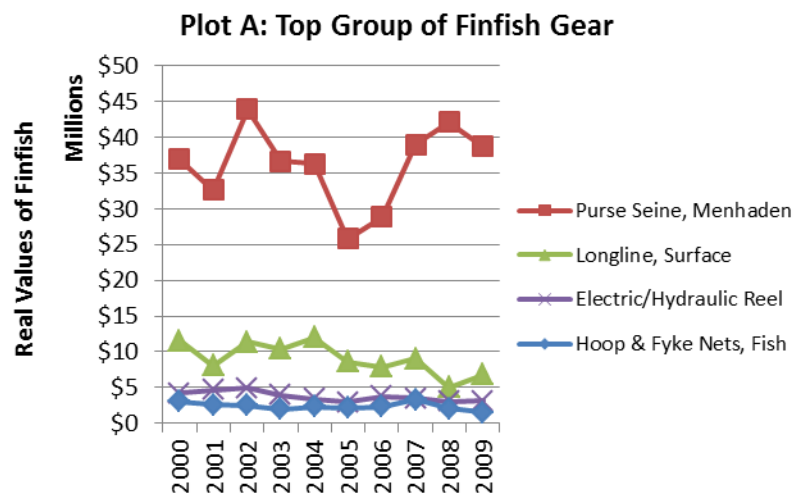
Table D.17 Real Dockside Values of Finfish by Gear Type, 2000 – 2009

Gear Type	Real Values of Finfish (in \$)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Purse Seine, Menhaden	36,937,179	32,666,680	43,888,862	36,664,279	36,338,323	25,769,041	28,850,270	39,023,097	42,165,586	38,686,354	36,098,967
Longline, Surface	11,534,220	8,080,654	11,381,284	10,409,675	12,037,468	8,624,369	7,832,679	9,020,569	5,043,253	6,794,287	9,075,846
Electric/Hydraulic Reel	4,148,202	4,598,483	4,891,704	3,908,992	3,402,779	2,895,822	3,753,666	3,504,323	3,051,866	3,116,948	3,727,279
Hoop & Fyke Nets, Fish	2,990,991	2,619,916	2,524,258	1,939,670	2,295,551	2,134,791	2,300,533	3,259,911	2,013,836	1,505,815	2,358,527
Gillnets, Strike	6,126,064	2,721,431	2,016,474	3,049,826	3,035,068	1,092,390	2,086,594	876,097	847,184	338,528	2,218,966
Manual Reel	4,024,183	3,605,490	3,015,393	3,255,975	2,807,013	2,045,926	1,129,056	660,507	374,525	370,900	2,128,897
Trot Lines	2,168,211	1,835,020	1,795,562	2,053,096	2,402,620	1,975,472	1,765,234	1,900,823	1,868,573	2,293,046	2,005,766
Longline, Bottom	4,867,275	2,525,770	2,845,808	1,483,411	1,061,111	667,650	573,687	346,529	381,502	479,877	1,523,262
Hand Lines	1,354,686	859,440	1,286,897	1,969,346	2,360,495	2,001,561	1,445,654	1,281,422	1,387,697	968,794	1,491,599
Gillnets, Stake	464,331	409,372	290,626	355,304	416,998	537,482	434,779	376,610	452,659	282,749	402,091
Otter Trawl, Shrimp	673,290	644,446	585,750	425,180	336,161	185,100	128,633	223,856	189,646	196,130	358,819
Troll Lines	481,894	472,370	45,618	123,601	241,865	238,886	558,562	477,969	394,497	449,554	348,482
Rod & Reel	948,191	448,946	368,996	163,795	279,094	148,512	104,657	70,070	44,572	79,961	265,679
Skimmer Nets	144,676	389,572	312,650	152,703	158,513	68,477	115,570	175,918	240,072	301,882	206,003
Dip Nets	84,369	239,116	227,215	221,185	223,936	261,043	123,823	217,854	229,334	201,402	202,928
Otter Trawl, Fish	295,185	264,611	163,210	397,711	150,273	99,041	107,346	116,244	34,187	189,045	181,685
Pots & Traps, Fish	171,739	137,027	129,820	179,082	189,479	108,949	97,004	102,547	107,202	143,800	136,665
Haul Seine	89,083	54,718	36,274	35,048	80,420	275,093	572,043	55,536	75,448	76,261	134,992
Trammel Nets	118,377	99,874	68,448	51,628	34,007	38,101	29,314	53,379	36,328	35,065	56,452
Butterfly Nets	64,620	9,977	11,463	31,331	34,996	6,602	56,662	39,519	57,655	55,360	36,819
By Hand	27	51,439	131,608	10,522	2,925	2,924	24,748	7,835	1,400	8,504	24,193
Wire Nets	25,071	23,936	19,454	24,643	19,475	49,862	11,561	9,183	9,025	9,972	20,218
Spears & Gigs	18,369	13,100	26,438	6,905	18,220	28,407	14,668	4,929	8,858	27,737	16,763

Table D.17 Real Dockside Values of Finfish by Gear Type, 2000 – 2009 (Continued)

Gear Type	Real Values of Finfish (in \$)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Pots & Traps, Crab	14,363	4,111	7,422	12,310	9,969	5,019	13,620	28,177	24,336	46,552	16,588
Slat Traps	40,052	36,949	10,441	4,999	7,429	8,233	4,546	14,763	13,484	12,808	15,370
Purse Seine, Other	1,507	2,065	.	.	188	10,366	64,881	4,873	28,996	18,954	16,479
Cans, Buckets, Pipes, Drums, Tires	24,999	24,150	12,003	3,359	8,714	8,433	12,434	9,045	8,496	5,392	11,703
Cast Nets	3,153	3,871	952	1,919	1,065	4,394	355	3,617	2,059	7,160	2,855
Pots & Traps, Eel	460	.	.	68	963	.	87	526	.	61	361
Bush Lines	998	14	666	.	320	130	.	30	.	.	360
Pots & Traps, Crawfish	287	153	96	11	.	189	.	.	21	171	133
Hoop & Fyke Nets, Turtle	24	10	720	37	.	.	.	.	.	.	198
Pots & Traps, Turtle	.	.	.	.	.	55	.	.	33	.	44
Oyster Dredge	.	.	.	.	.	.	.	.	.	22	22
Total	77,816,075	62,842,712	76,096,112	66,935,610	67,955,442	49,292,319	52,212,666	61,865,761	59,092,333	56,703,090	63,081,212

Note: The dots in the gear type indicate that no finfish were reportedly sold. The average was based on the number of non-zero entries in individual gear type.



Source: Appendix Table D.17.

Figure D.5 Real Dockside Values of Finfish by Gear Type, 2000 – 2009

Appendix E - Landings, Prices and Values of Freshwater Finfish

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Table E.1 Freshwater Finfish Landings by Species, 2000 – 2009

Species	Finfish Landings (in Pounds)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Buffalo	2,539,684	3,310,439	3,154,516	3,329,805	3,223,830	3,717,424	3,738,296	3,868,650	3,236,300	2,871,743	3,299,069
Blue Catfish	4,201,313	3,787,378	3,133,339	2,745,830	3,159,497	3,254,678	3,237,346	3,706,793	2,949,647	2,066,968	3,224,279
Channel Catfish (Eel Cat, Willow Cat)	1,842,871	1,618,925	1,515,465	877,359	1,670,213	1,125,817	1,111,003	694,507	608,339	515,133	1,157,963
Gizzard Shad	676,376	1,143,163	1,842,047	1,455,694	1,231,079	1,172,194	880,410	724,883	946,835	1,316,476	1,138,916
Shad Unclassified	1,099,279	1,650,979	814,023	704,062	878,003	797,740	781,314	1,064,970	1,461,513	1,325,590	1,057,747
Gaspergou (Freshwater Drum)	365,678	654,645	783,814	627,383	479,428	478,180	445,866	498,769	520,464	612,203	546,643
Alligator Gar	479,117	468,644	601,668	659,209	568,019	338,375	499,470	577,531	531,995	484,539	520,857
Flathead Catfish (Opelousas Cat)	171,953	212,917	278,499	229,179	285,894	271,318	324,914	269,268	346,318	316,246	270,651
Bowfin (Grinnel)	176,458	56,353	79,509	204,924	133,757	212,959	139,575	96,820	289,067	160,063	154,949
Common Carp (German Carp)	60,649	126,154	140,037	142,961	121,744	111,056	137,864	135,314	191,876	115,974	128,363
Bighead Carp	4,710	6,869	10,638	10,389	27,214	22,029	258,805	354,810	275,408	308,657	127,953
Grass Carp	36,919	69,438	68,391	40,400	43,338	50,088	69,814	121,983	75,908	88,692	66,497
Bullheads (Mud Cat)	93,992	53,565	10,883	54,873	68,924	111,356	18,428	76,146	71,094	47,175	60,644
Garfish Unclassified	36,478	29,486	49,030	77,687	35,408	33,633	21,365	97,316	63,032	44,362	48,780
Longnose Gar	45,291	50,486	36,485	36,203	40,935	20,735	23,755	30,123	26,415	30,781	34,121
Minnows	35,414	28,225	27,942	36,046	36,754	30,526	18,208	20,494	25,909	22,727	28,225
Silver Carp	28	24	.	2,725	7,598	4,662	9,019	14,149	6,060	3,422	5,299
Spotted Gar	748	716	521	364	2,803	4,618	3,473	839	105	514	1,470
Shortnose Gar	6,241	1,979	649	99	359	405	.	.	557	11	1,288
Freshwater Eel	28	19	.	26	13	.	538	41	266	21	119
Threadfin Shad	.	58	.	.	.	.	.	.	.	.	58
Unknown Freshwater Finfish Species	532	1,051	.	22	140	.	280	.	.	.	405
Total	11,873,758	13,271,513	12,547,457	11,235,243	12,014,951	11,757,793	11,719,745	12,353,406	11,627,106	10,331,296	11,873,227

Note: The dots indicate that no finfish were reportedly landed. The average was based on the number of non-zero entries in individual species.

Table E.2 Average Nominal Dockside Prices of Freshwater Finfish by Species, 2000 – 2009

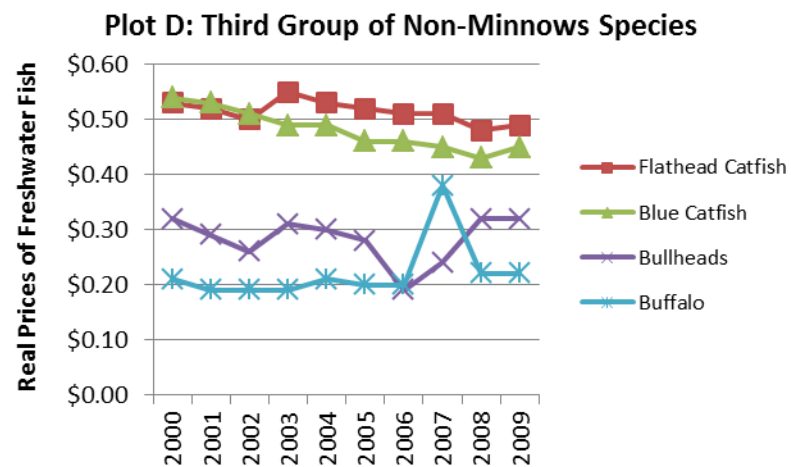
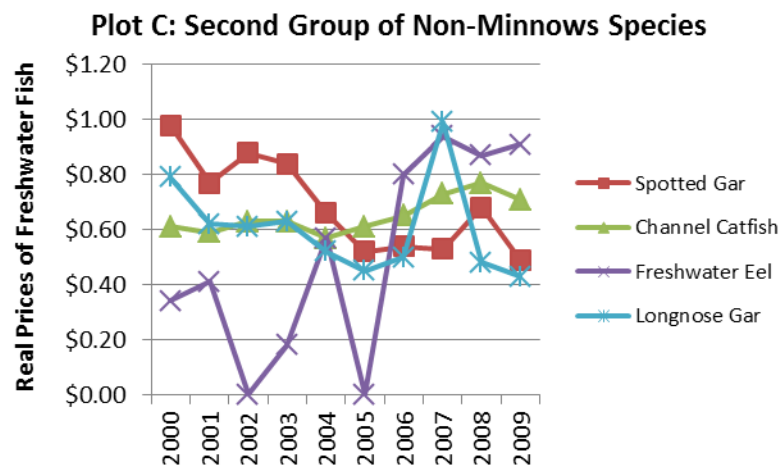
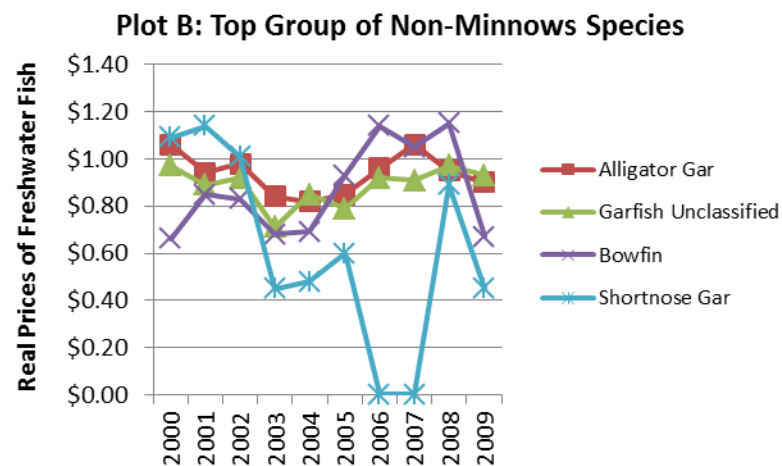
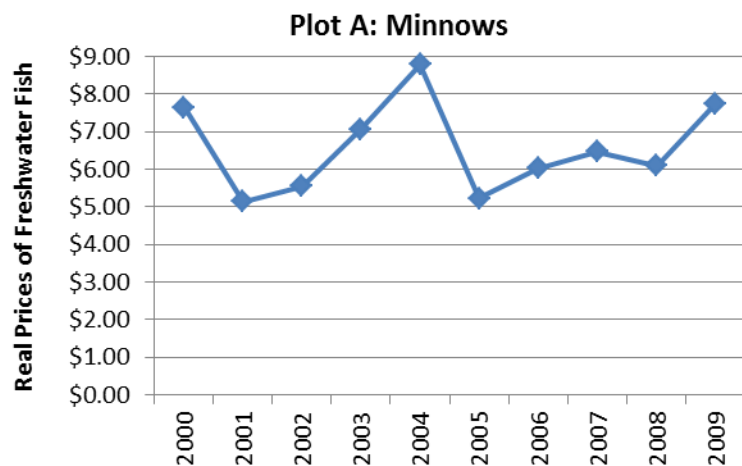
Species	Nominal Prices (in \$)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Minnows	6.81	4.68	5.10	6.64	8.52	5.22	6.21	6.85	6.64	8.51	6.52
Alligator Gar	0.95	0.86	0.91	0.79	0.79	0.85	0.98	1.12	1.03	0.99	0.93
Garfish Unclassified	0.86	0.81	0.85	0.67	0.82	0.79	0.95	0.96	1.06	1.03	0.88
Bowfin (Grinnel)	0.59	0.78	0.77	0.64	0.67	0.93	1.17	1.12	1.25	0.74	0.87
Shortnose Gar	0.97	1.04	0.93	0.43	0.47	0.60	.	.	0.97	0.50	0.74
Spotted Gar	0.87	0.70	0.81	0.79	0.64	0.52	0.55	0.56	0.74	0.54	0.67
Freshwater Eel	0.30	0.38	.	0.17	0.55	.	0.83	1.00	0.95	1.00	0.65
Channel Catfish (Eel Cat, Willow Cat)	0.55	0.53	0.58	0.59	0.55	0.61	0.67	0.77	0.84	0.78	0.65
Longnose Gar	0.70	0.57	0.56	0.59	0.51	0.45	0.51	1.05	0.52	0.47	0.59
Flathead Catfish (Opelousas Cat)	0.48	0.48	0.46	0.52	0.52	0.52	0.53	0.54	0.52	0.54	0.51
Blue Catfish	0.48	0.48	0.47	0.46	0.47	0.46	0.47	0.48	0.47	0.49	0.47
Bullheads (Mud Cat)	0.29	0.27	0.23	0.29	0.29	0.28	0.19	0.25	0.35	0.36	0.28
Buffalo	0.18	0.18	0.17	0.18	0.20	0.20	0.21	0.40	0.24	0.24	0.22
Grass Carp	0.23	0.22	0.21	0.21	0.20	0.19	0.20	0.21	0.19	0.20	0.21
Gizzard Shad	0.10	0.10	0.12	0.13	0.18	0.21	0.37	0.18	0.23	0.20	0.18
Shad Unclassified	0.11	0.10	0.12	0.13	0.13	0.15	0.15	0.16	0.26	0.33	0.16
Gaspergou (Freshwater Drum)	0.17	0.16	0.15	0.15	0.16	0.15	0.16	0.17	0.17	0.17	0.16
Threadfin Shad	.	0.10	.	.	.	.	.	.	.	.	0.10
Bighead Carp	0.11	0.11	0.08	0.09	0.09	0.09	0.10	0.10	0.10	0.10	0.10
Common Carp (German Carp)	0.07	0.08	0.07	0.08	0.10	0.07	0.09	0.09	0.12	0.09	0.09
Silver Carp	0.10	0.05	.	0.10	0.03	0.00	0.05	0.11	0.01	0.01	0.05
Unknown Freshwater Finfish Species	0.25	0.64	.	0.14	0.05	.	0.08	.	.	.	0.23
Total	0.64	0.51	0.50	0.60	0.72	0.52	0.54	0.59	0.57	0.63	0.58

Note: The dots indicate that no finfish were reportedly sold. The average was based on the number of non-zero entries in individual species.

Table E.3 Average Real Dockside Prices of Freshwater Finfish by Species, 2000 – 2009

Species	Real Prices (in 2005 Dollar)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Minnows	7.65	5.14	5.55	7.07	8.78	5.22	6.03	6.46	6.09	7.74	6.57
Alligator Gar	1.06	0.94	0.98	0.84	0.82	0.85	0.96	1.06	0.95	0.90	0.94
Garfish Unclassified	0.97	0.89	0.92	0.71	0.85	0.79	0.92	0.91	0.97	0.93	0.89
Bowfin (Grinnel)	0.66	0.85	0.83	0.68	0.69	0.93	1.14	1.05	1.15	0.67	0.87
Shortnose Gar	1.09	1.14	1.01	0.45	0.48	0.60	.	.	0.89	0.45	0.76
Spotted Gar	0.98	0.77	0.88	0.84	0.66	0.52	0.54	0.53	0.68	0.49	0.69
Channel Catfish (Eel Cat, Willow Cat)	0.61	0.59	0.63	0.63	0.57	0.61	0.65	0.73	0.77	0.71	0.65
Freshwater Eel	0.34	0.41	.	0.18	0.57	.	0.80	0.94	0.87	0.91	0.63
Longnose Gar	0.79	0.62	0.61	0.63	0.52	0.45	0.50	0.99	0.48	0.43	0.60
Flathead Catfish (Opelousas Cat)	0.53	0.52	0.50	0.55	0.53	0.52	0.51	0.51	0.48	0.49	0.51
Blue Catfish	0.54	0.53	0.51	0.49	0.49	0.46	0.46	0.45	0.43	0.45	0.48
Bullheads (Mud Cat)	0.32	0.29	0.26	0.31	0.30	0.28	0.19	0.24	0.32	0.32	0.28
Buffalo	0.21	0.19	0.19	0.19	0.21	0.20	0.20	0.38	0.22	0.22	0.22
Grass Carp	0.26	0.24	0.23	0.22	0.21	0.19	0.19	0.19	0.18	0.18	0.21
Gizzard Shad	0.11	0.11	0.13	0.14	0.18	0.21	0.36	0.17	0.21	0.19	0.18
Shad Unclassified	0.12	0.12	0.13	0.14	0.13	0.15	0.15	0.16	0.24	0.30	0.16
Gaspergou (Freshwater Drum)	0.20	0.17	0.16	0.16	0.16	0.15	0.16	0.16	0.16	0.15	0.16
Threadfin Shad	.	0.11	.	.	.	.	.	.	.	.	0.11
Bighead Carp	0.12	0.12	0.09	0.09	0.09	0.09	0.10	0.10	0.09	0.09	0.10
Common Carp (German Carp)	0.08	0.08	0.08	0.09	0.10	0.07	0.09	0.08	0.11	0.08	0.09
Silver Carp	0.11	0.05	.	0.11	0.03	0.00	0.05	0.11	0.01	0.01	0.05
Unknown Freshwater Finfish Species	0.28	0.70	.	0.15	0.05	.	0.08	.	.	.	0.25
Total	0.72	0.56	0.54	0.64	0.74	0.52	0.53	0.56	0.52	0.57	0.59

Note: The dots indicate that no finfish were reportedly sold. The average was based on the number of non-zero entries in individual species.



Source: Appendix Table E.3.

Figure E.1 Average Real Dockside Prices of Freshwater Finfish by Species, 2000 – 2009

Table E.4 Nominal Dockside Values of Freshwater Finfish by Species, 2000 – 2009

Species	Nominal Values (in \$)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Blue Catfish	2,058,821	1,777,469	1,412,108	1,229,929	1,421,523	1,461,893	1,556,864	1,809,892	1,388,658	954,857	1,507,201
Buffalo	420,265	518,016	493,638	525,049	550,576	690,311	671,353	1,632,376	634,592	559,233	669,541
Channel Catfish (Eel Cat, Willow Cat)	962,903	790,819	758,368	443,289	792,749	544,915	557,419	385,119	350,232	297,946	588,376
Alligator Gar	392,486	341,496	420,577	435,902	380,185	244,350	385,277	497,815	447,036	394,262	393,939
Gizzard Shad	66,837	111,646	211,159	182,879	201,002	472,414	641,709	134,125	219,944	248,135	248,985
Shad Unclassified	118,297	169,650	99,614	97,703	114,474	122,903	116,807	172,675	283,877	269,657	156,566
Minnows	172,740	140,559	135,167	185,734	195,664	116,791	107,674	116,017	122,597	166,755	145,970
Bowfin (Grinnel)	105,287	41,200	65,263	128,942	95,150	206,728	156,507	110,542	331,744	95,888	133,725
Flathead Catfish (Opelousas Cat)	80,266	98,831	119,085	109,501	137,071	130,464	161,147	140,902	171,770	161,235	131,027
Gaspergou (Freshwater Drum)	65,634	107,261	116,063	89,294	69,716	64,979	68,355	77,332	81,122	96,025	83,578
Garfish Unclassified	27,005	23,461	43,007	54,131	30,832	32,962	23,957	80,600	74,387	54,018	44,436
Longnose Gar	31,590	27,742	21,280	25,391	23,491	10,883	13,027	31,282	13,717	15,559	21,396
Bullheads (Mud Cat)	26,194	14,253	2,385	15,304	20,744	29,907	3,638	21,644	23,025	16,576	17,367
Grass Carp	5,209	13,749	14,474	8,558	8,691	9,736	13,394	23,987	14,399	16,935	12,913
Bighead Carp	477	601	671	913	2,226	1,901	25,144	35,804	27,738	30,922	12,640
Common Carp (German Carp)	4,552	9,766	9,373	11,153	10,238	9,704	12,495	12,096	29,872	10,831	12,008
Shortnose Gar	6,070	1,691	576	50	174	260	.	.	797	6	1,203
Spotted Gar	690	712	433	376	1,795	3,150	2,148	874	67	331	1,058
Silver Carp	3	1	.	273	455	6	694	1,644	47	48	352
Freshwater Eel	9	9	.	3	9	.	440	41	230	21	95
Threadfin Shad	.	6	.	.	.	.	.	.	.	.	6
Unknown Freshwater Finfish Species	133	1,330	.	3	7	.	23	.	.	.	299
Total	4,545,468	4,190,267	3,923,243	3,544,376	4,056,771	4,154,258	4,518,072	5,284,769	4,215,851	3,389,238	4,182,231

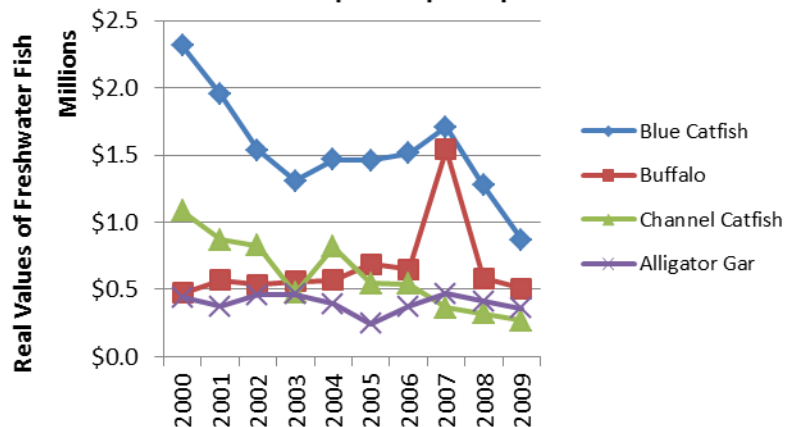
Note: The dots indicate that no finfish were reportedly sold. The average was based on the number of non-zero entries in individual species.

Table E.5 Real Dockside Values of Freshwater Finfish by Species, 2000 – 2009

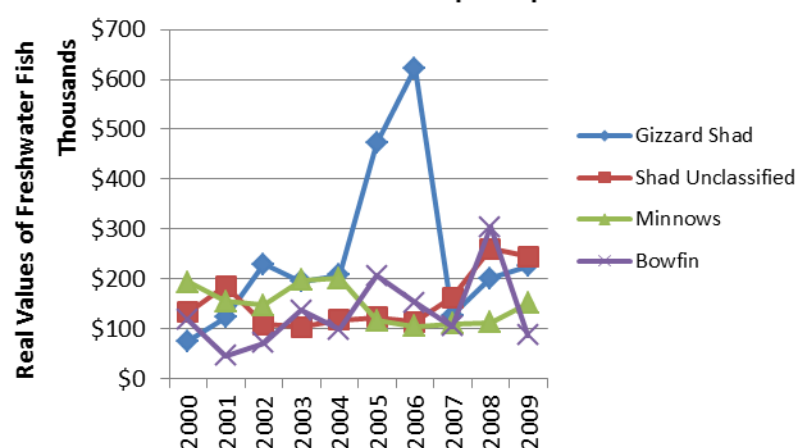
Species	Real Values (in 2005 Dollar)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Blue Catfish	2,313,282	1,953,263	1,534,900	1,308,435	1,465,488	1,461,893	1,511,519	1,707,445	1,273,998	868,052	1,539,828
Buffalo	472,208	569,248	536,564	558,562	567,604	690,311	651,799	1,539,978	582,195	508,394	667,686
Channel Catfish (Eel Cat, Willow Cat)	1,081,913	869,032	824,313	471,584	817,267	544,915	541,183	363,320	321,314	270,860	610,570
Alligator Gar	440,995	375,270	457,149	463,725	391,944	244,350	374,055	469,637	410,125	358,420	398,567
Gizzard Shad	75,097	122,688	229,521	194,552	207,218	472,414	623,018	126,533	201,783	225,577	247,840
Shad Unclassified	132,918	186,428	108,276	103,940	118,014	122,903	113,405	162,900	260,438	245,143	155,437
Minnows	194,090	154,461	146,921	197,590	201,715	116,791	104,538	109,450	112,474	151,595	148,963
Bowfin (Grinnel)	118,300	45,275	70,938	137,172	98,093	206,728	151,949	104,285	304,353	87,171	132,426
Flathead Catfish (Opelousas Cat)	90,187	108,605	129,440	116,491	141,310	130,464	156,453	132,926	157,587	146,577	131,004
Gaspergou (Freshwater Drum)	73,746	117,869	126,156	94,994	71,872	64,979	66,364	72,954	74,424	87,295	85,065
Garfish Unclassified	30,343	25,782	46,747	57,586	31,786	32,962	23,260	76,038	68,245	49,107	44,186
Longnose Gar	35,494	30,485	23,130	27,011	24,217	10,883	12,647	29,512	12,584	14,145	22,011
Bullheads (Mud Cat)	29,431	15,662	2,592	16,281	21,386	29,907	3,532	20,419	21,124	15,069	17,540
Grass Carp	5,853	15,109	15,732	9,104	8,960	9,736	13,004	22,630	13,210	15,396	12,873
Common Carp (German Carp)	5,115	10,732	10,188	11,865	10,555	9,704	12,131	11,412	27,406	9,846	11,895
Bighead Carp	536	660	730	971	2,294	1,901	24,412	33,777	25,448	28,111	11,884
Shortnose Gar	6,820	1,858	626	53	179	260	.	.	731	5	1,317
Spotted Gar	775	782	470	400	1,850	3,150	2,086	824	61	301	1,070
Silver Carp	3	1	.	290	469	6	674	1,551	43	43	342
Freshwater Eel	10	10	.	3	10	.	427	39	211	19	91
Threadfin Shad	.	6	.	.	.	.	.	.	.	.	6
Unknown Freshwater Finfish Species	149	1,462	.	3	7	.	23	.	.	.	329
Total	5,107,267	4,604,689	4,264,394	3,770,613	4,182,239	4,154,258	4,386,478	4,985,631	3,867,753	3,081,125	4,240,445

Note: The dots indicate that no finfish were reportedly sold. The average was based on the number of non-zero entries in individual species.

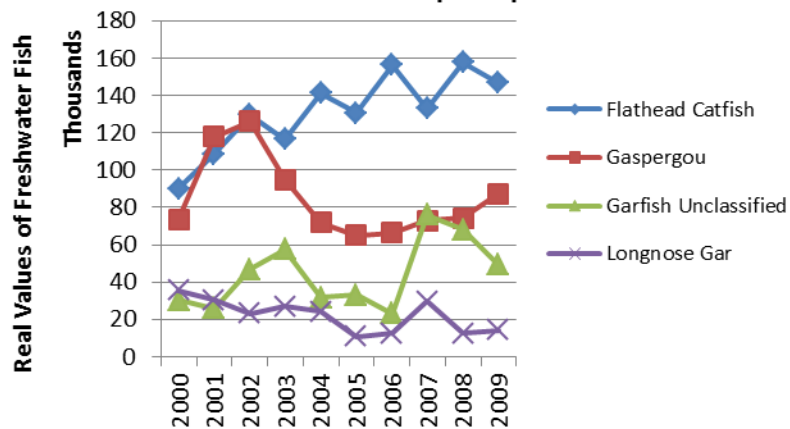
Plot A: Top Group of Species



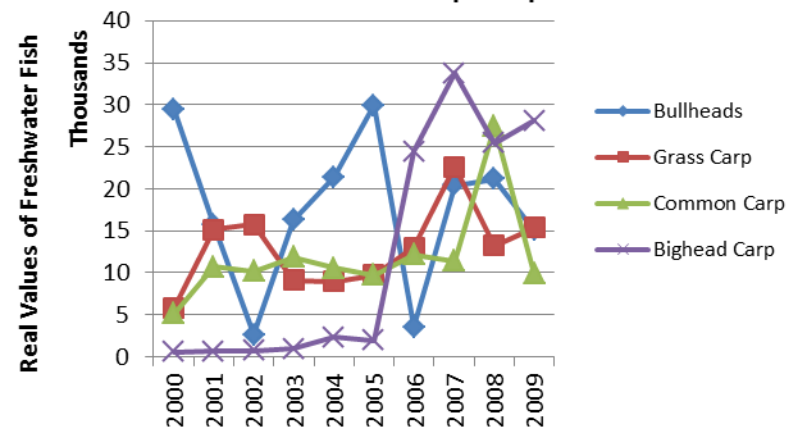
Plot B: Second Group of Species



Plot C: Third Group of Species



Plot D: Fourth Group of Species



Source: Appendix Table E.5.

Figure E.2 Real Dockside Values of Freshwater Finfish by Species, 2000 – 2009

Table E.6 Freshwater Finfish Landings by LDWF Trip Ticket Basin and NMFS Grid, 2000 – 2009

Basin	Freshwater Finfish Landings (in Pounds)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Atchafalaya River	3,944,000	5,716,558	6,118,933	5,317,947	5,437,225	5,852,649	6,349,116	6,919,771	6,500,973	6,351,551	5,850,872
Red River	964,866	1,245,050	1,017,206	792,443	1,145,664	965,996	866,299	584,922	754,617	829,011	916,607
Vermilion-Teche River	685,108	1,345,366	988,657	1,038,288	1,432,104	1,131,601	741,454	611,382	519,734	447,451	894,115
Terrebonne	1,430,662	814,675	932,522	953,951	887,038	653,327	722,713	618,737	917,933	678,044	860,960
Barataria	1,065,775	1,124,034	836,419	686,087	682,185	774,260	700,988	638,232	613,411	664,764	778,616
Ouachita River	881,309	935,526	912,110	571,684	544,740	659,646	328,229	512,557	537,859	519,032	640,269
Mermentau River	828,636	564,198	381,571	270,546	321,498	553,322	935,975	1,255,895	745,483	258,251	611,538
Mississippi River	1,067,003	641,454	584,571	846,742	661,244	489,510	297,601	518,679	456,439	385,483	594,873
Sabine River	513,713	429,487	369,351	380,537	524,081	469,226	544,294	466,232	413,336	64,472	417,473
Lake Pontchartrain	291,581	373,340	314,548	279,405	237,749	141,594	138,604	118,925	100,021	89,248	208,502
Calcasieu River	87,766	62,581	78,860	81,805	108,363	38,320	80,586	97,601	56,179	34,051	72,611
Pearl River	32,601	9,119	11,111	15,730	30,786	28,034	13,628	6,821	10,980	8,436	16,725
Basin Subtotal	11,793,020	13,261,388	12,545,859	11,235,165	12,012,677	11,757,485	11,719,487	12,349,754	11,626,965	10,329,794	11,863,159
Percent of Total	99.3%	99.9%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	99.9%
Grid	Freshwater Finfish Landings (in Pounds)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Grid 13	12,276	10,124	1,506	.	.	34	.	136	.	.	4,815
Grid 14	18,717	.	.	.	.	.	.	.	.	.	18,717
Unspecified	49,586	.	91	77	2,273	274	257	3,515	143	1,500	5,772
Total	11,873,599	13,271,513	12,547,457	11,235,243	12,014,951	11,757,793	11,719,745	12,353,406	11,627,106	10,331,296	11,873,211

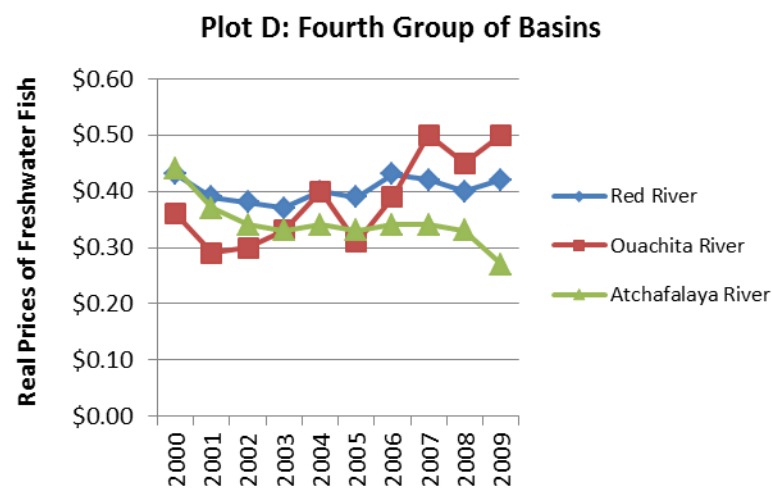
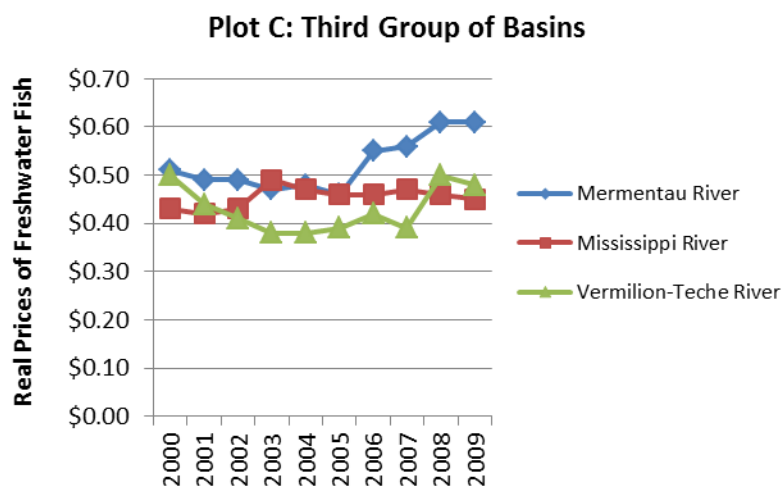
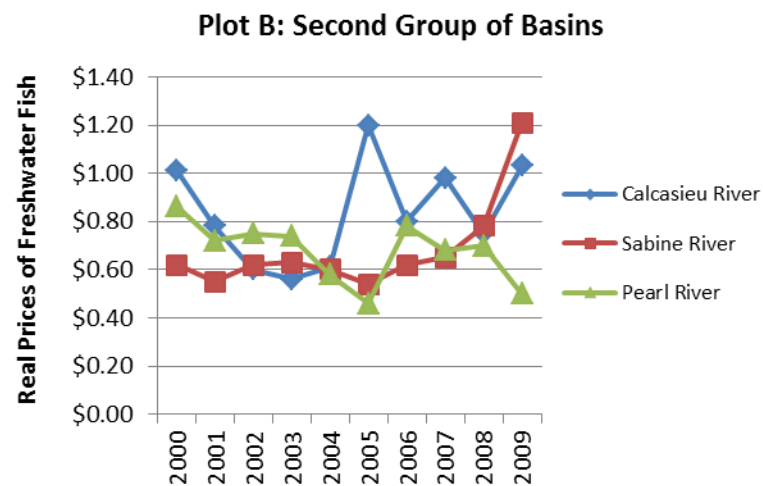
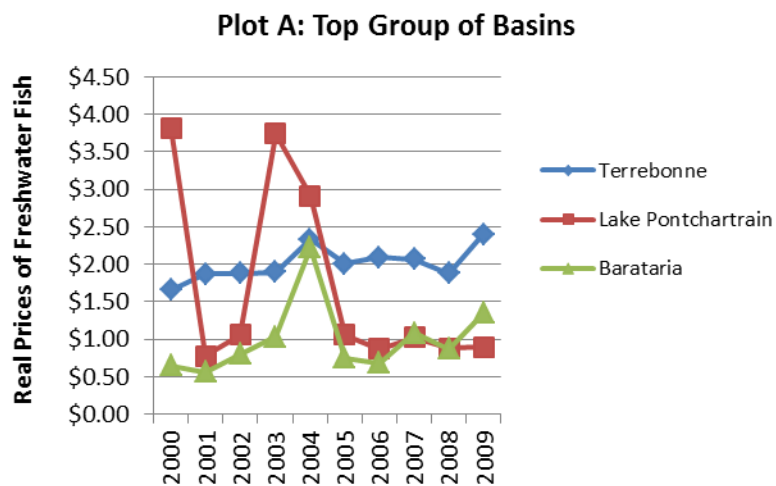
Note: An average of 49.3 percent of freshwater finfish was harvested from the Atchafalaya River Basin.

Table E.7 Average Nominal Dockside Prices of Freshwater Finfish by LDWF Trip Ticket Basin and NMFS Grid, 2000 – 2009

Basin	Nominal Prices of Finfish (in \$)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Terrebonne	1.47	1.70	1.73	1.79	2.26	2.01	2.15	2.20	2.05	2.64	2.00
Lake Pontchartrain	3.40	0.71	0.98	3.51	2.83	1.06	0.90	1.09	0.96	0.99	1.64
Barataria	0.58	0.51	0.74	0.97	2.15	0.75	0.70	1.15	0.95	1.48	1.00
Calcasieu River	0.90	0.71	0.55	0.52	0.60	1.20	0.82	1.04	0.82	1.13	0.83
Sabine River	0.56	0.50	0.57	0.59	0.58	0.54	0.64	0.69	0.85	1.33	0.69
Pearl River	0.76	0.65	0.69	0.69	0.56	0.46	0.81	0.72	0.77	0.55	0.67
Mermentau River	0.46	0.45	0.45	0.44	0.46	0.46	0.56	0.60	0.67	0.67	0.52
Mississippi River	0.39	0.39	0.39	0.46	0.46	0.46	0.47	0.49	0.50	0.49	0.45
Vermilion-Teche River	0.45	0.40	0.38	0.36	0.37	0.39	0.43	0.41	0.54	0.52	0.43
Red River	0.38	0.36	0.35	0.35	0.39	0.39	0.45	0.45	0.43	0.46	0.40
Ouachita River	0.32	0.27	0.28	0.31	0.39	0.31	0.40	0.53	0.50	0.55	0.39
Atchafalaya River	0.39	0.34	0.32	0.31	0.33	0.33	0.35	0.36	0.36	0.30	0.34
Grid	Nominal Prices of Finfish (in \$)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Grid 13	0.48	0.55	0.39	.	.	0.22	.	0.35	.	.	0.40
Grid 14	0.69	.	.	.	.	.	.	.	.	.	0.69
Unspecified	0.40	.	0.85	1.05	0.32	0.15	0.18	0.27	1.56	0.20	0.55
Total	0.64	0.51	0.50	0.60	0.72	0.52	0.54	0.59	0.57	0.63	0.58

Table E.8 Average Real Dockside Prices of Freshwater Finfish by LDWF Trip Ticket Basin and NMFS Grid, 2000 – 2009

Basin	Real Prices of Finfish (in 2005 Dollar)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Terrebonne	1.66	1.87	1.88	1.90	2.33	2.01	2.09	2.07	1.88	2.40	2.01
Lake Pontchartrain	3.82	0.78	1.06	3.74	2.91	1.06	0.87	1.02	0.88	0.90	1.70
Barataria	0.65	0.56	0.80	1.03	2.22	0.75	0.68	1.08	0.87	1.35	1.00
Calcasieu River	1.01	0.78	0.60	0.56	0.61	1.20	0.80	0.98	0.75	1.03	0.83
Sabine River	0.62	0.55	0.62	0.63	0.60	0.54	0.62	0.65	0.78	1.21	0.68
Pearl River	0.86	0.72	0.75	0.74	0.58	0.46	0.78	0.68	0.70	0.50	0.68
Mermentau River	0.51	0.49	0.49	0.47	0.48	0.46	0.55	0.56	0.61	0.61	0.52
Mississippi River	0.43	0.42	0.43	0.49	0.47	0.46	0.46	0.47	0.46	0.45	0.45
Vermilion-Teche River	0.50	0.44	0.41	0.38	0.38	0.39	0.42	0.39	0.50	0.48	0.43
Red River	0.43	0.39	0.38	0.37	0.40	0.39	0.43	0.42	0.40	0.42	0.40
Ouachita River	0.36	0.29	0.30	0.33	0.40	0.31	0.39	0.50	0.45	0.50	0.38
Atchafalaya River	0.44	0.37	0.34	0.33	0.34	0.33	0.34	0.34	0.33	0.27	0.34
Grid											
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Grid 13	0.54	0.60	0.42	.	.	0.22	.	0.33	.	.	0.42
Grid 14	0.77	.	.	.	.	.	.	.	.	.	0.77
Unspecified	0.44		0.92	1.11	0.33	0.15	0.17	0.25	1.43	0.18	0.55
Total	0.72	0.56	0.54	0.64	0.74	0.52	0.53	0.56	0.52	0.57	0.59



Source: Appendix Table E.8.

Figure E.3 Average Real Dockside Prices of Freshwater Finfish by LDWF Trip Ticket Basin and NMFS Grid, 2000 – 2009

Table E.9 Nominal Dockside Values of Freshwater Finfish by LDWF Trip Ticket Basin and NMFS Grid, 2000 – 2009

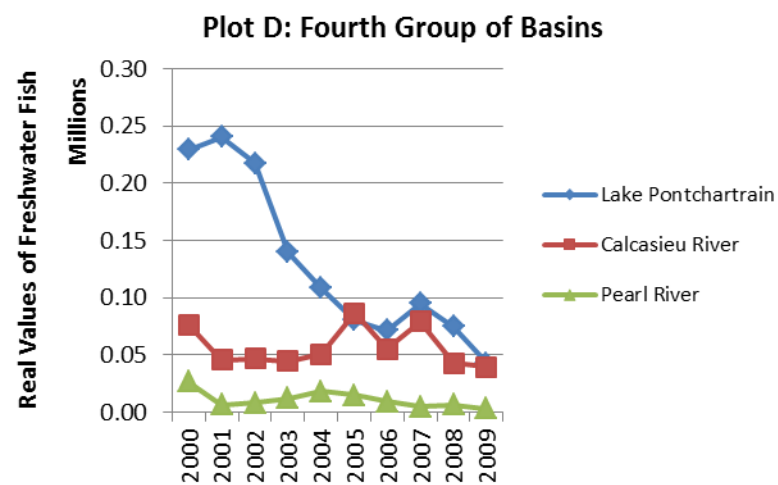
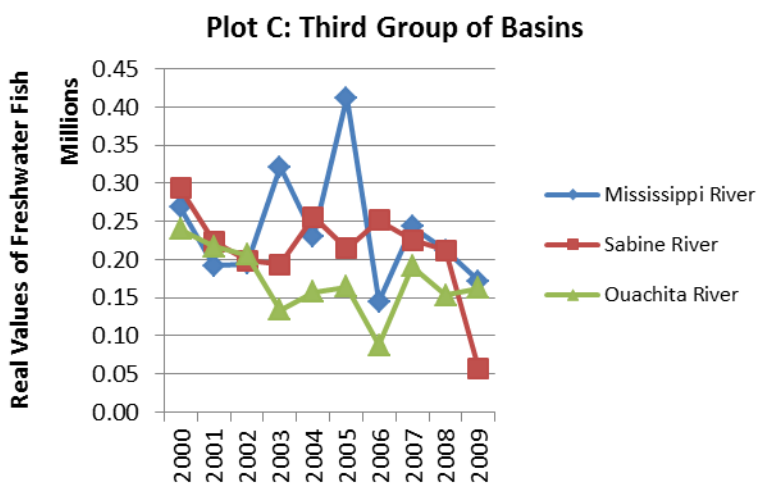
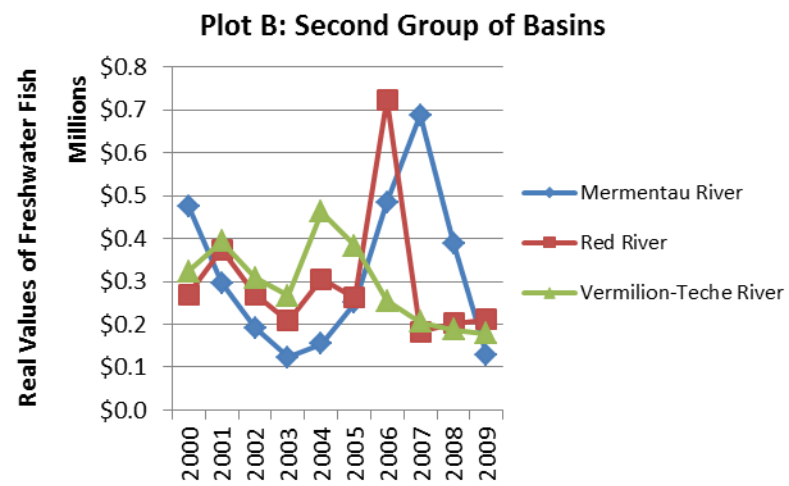
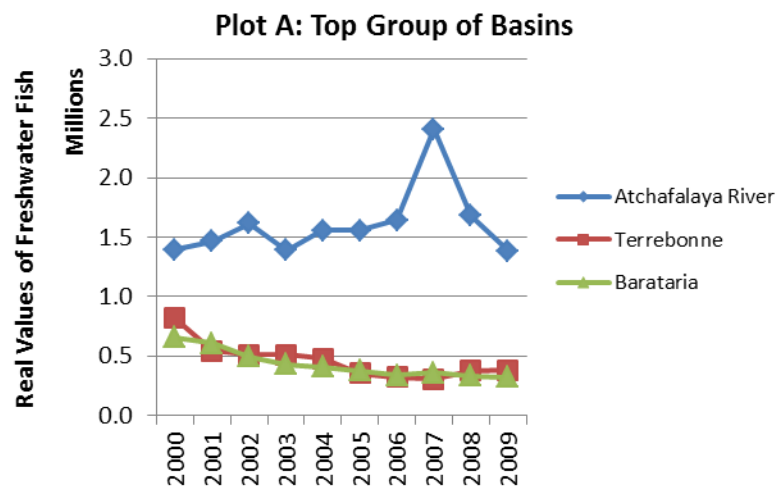
Basin	Nominal Values of Finfish (in \$)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Atchafalaya River	1,240,674	1,333,230	1,486,981	1,306,112	1,507,963	1,556,508	1,692,727	2,554,508	1,833,613	1,522,909	1,603,523
Terrebonne	728,382	493,130	470,897	478,498	462,138	354,944	332,111	322,598	407,756	419,286	446,974
Barataria	584,869	550,606	456,732	402,978	394,948	375,922	348,229	378,735	360,785	353,543	420,735
Mermentau River	423,353	270,174	176,002	115,479	149,928	250,143	499,589	728,999	424,070	140,925	317,866
Red River	240,448	339,873	247,237	196,064	295,521	262,019	745,153	193,683	220,219	232,742	297,296
Vermilion-Teche River	287,815	358,080	283,582	250,799	447,985	382,252	261,748	217,082	204,395	196,115	288,985
Mississippi River	238,864	174,757	178,772	302,014	223,781	411,951	149,225	257,527	231,207	188,667	235,677
Sabine River	261,102	203,988	182,410	182,047	248,391	214,630	258,897	238,938	231,445	61,953	208,380
Ouachita River	213,499	197,326	189,517	126,154	153,089	164,116	90,616	202,829	167,274	179,031	168,345
Lake Pontchartrain	203,965	218,650	200,021	131,436	105,170	80,537	73,321	100,513	81,231	47,213	124,206
Calcasieu River	67,952	41,637	43,092	41,606	49,323	86,208	57,025	84,203	46,475	43,142	56,066
Pearl River	23,527	5,838	7,269	11,110	17,607	14,979	9,368	4,665	7,160	3,412	10,494
Basin Subtotal	4,514,450	4,187,289	3,922,512	3,544,297	4,055,844	4,154,209	4,518,009	5,284,280	4,215,630	3,388,938	4,178,546
Percent of Total	99.3%	99.9%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	99.9%
Grid											
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Grid 13	6,513	2,978	653	.	.	8	.	48	.	.	2,040
Grid 14	12,651	.	.	.	.	.	.	.	.	.	12,651
Unspecified	11,853	.	77	80	928	41	65	441	222	300	1,556
Total	4,545,468	4,190,267	3,923,243	3,544,376	4,056,771	4,154,258	4,518,072	5,284,769	4,215,851	3,389,238	4,182,231

Note: An average of 38.3 percent worth of freshwater finfish was harvested from the Atchafalaya River Basin.

Table E.10 Real Dockside Values of Freshwater Finfish by LDWF Trip Ticket Basin and NMFS Grid, 2000 – 2009

Basin	Real Values of Finfish (in 2005 Dollar)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Atchafalaya River	1,394,016	1,465,088	1,616,284	1,389,481	1,554,601	1,556,508	1,643,425	2,409,913	1,682,214	1,384,462	1,609,599
Terrebonne	818,407	541,901	511,845	509,040	476,431	354,944	322,438	304,338	374,088	381,169	459,460
Barataria	657,157	605,061	496,448	428,700	407,163	375,922	338,087	357,297	330,995	321,403	431,823
Mermentau River	475,677	296,894	191,306	122,850	154,565	250,143	485,037	687,735	389,055	128,113	318,138
Red River	270,166	373,487	268,736	208,578	304,661	262,019	723,449	182,719	202,036	211,583	300,743
Vermilion-Teche River	323,388	393,495	308,242	266,808	461,840	382,252	254,124	204,794	187,519	178,286	296,075
Mississippi River	268,387	192,041	194,317	321,291	230,702	411,951	144,879	242,950	212,117	171,516	239,015
Sabine River	293,373	224,163	198,272	193,667	256,073	214,630	251,356	225,413	212,334	56,321	212,560
Ouachita River	239,887	216,842	205,996	134,207	157,823	164,116	87,976	191,348	153,463	162,756	171,441
Lake Pontchartrain	229,174	240,275	217,414	139,825	108,423	80,537	71,185	94,824	74,524	42,921	129,910
Calcasieu River	76,351	45,755	46,839	44,262	50,849	86,208	55,364	79,437	42,637	39,220	56,692
Pearl River	26,435	6,415	7,901	11,819	18,151	14,979	9,095	4,401	6,568	3,102	10,887
Basin Subtotal	5,072,418	4,601,417	4,263,600	3,770,528	4,181,282	4,154,209	4,386,415	4,985,169	3,867,550	3,080,852	4,236,344
Percent of Total	99.3%	99.9%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	99.9%
Grid	Real Values of Finfish (in 2005 Dollar)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Grid 13	7,318	3,273	710	.	.	8	.	45	.	.	2,271
Grid 14	14,215	.	.	.	.	.	.	.	.	.	14,215
Unspecified	13,210	.	84	85	956	41	63	416	204	273	1,704
Total	5,107,160	4,604,689	4,264,394	3,770,613	4,182,239	4,154,258	4,386,478	4,985,631	3,867,753	3,081,125	4,240,434

Note: An average of 38.0 percent worth of freshwater finfish was harvested from the Atchafalaya River Basin.



Source: Appendix Table E.10.

Figure E.4 Real Dockside Values of Freshwater Finfish by LDWF Trip Ticket Basin and NMFS Grid, 2000 – 2009

Table E.11 Freshwater Finfish Landings by Gear Type, 2000 – 2009

Gear Type	Finfish Landings (in Pounds)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Hoop & Fyke Nets, Fish	6,563,191	6,730,276	7,046,840	5,828,014	6,410,234	6,337,780	6,554,398	7,069,925	6,562,995	5,504,158	6,460,781
Gillnets, Stake	1,009,643	1,595,168	1,235,089	1,300,402	1,570,312	1,839,039	2,044,020	1,644,566	1,347,691	1,118,560	1,470,449
Dip Nets	725,351	2,167,278	1,834,500	1,632,966	1,359,415	1,251,908	853,453	1,304,391	1,091,523	1,103,069	1,332,385
Trot Lines	1,425,253	1,240,018	956,939	976,440	989,679	950,405	835,418	739,331	695,599	691,510	950,059
Haul Seine	744,792	479,117	297,129	266,149	583,445	339,288	522,393	317,719	454,007	447,894	445,193
Gillnets, Strike	304,555	348,363	572,022	615,762	505,780	395,915	297,677	301,257	491,453	597,528	443,031
Hand Lines	381,395	309,490	382,792	377,018	357,206	231,190	310,777	524,539	510,919	441,250	382,658
Trammel Nets	484,169	208,919	138,954	123,623	102,922	229,999	216,575	334,424	221,278	223,324	228,419
Purse Seine, Other	11,643	13,443	0	0	603	58,979	6,695	20,457	139,014	86,357	33,719
Slat Traps	66,123	67,693	20,874	7,432	12,496	15,437	8,132	26,515	27,536	25,386	27,762
Pots & Traps, Fish	31,592	25,986	25,404	33,268	34,894	29,304	17,187	17,481	25,253	21,942	26,231
Cans, Buckets, Pipes, Drums, Tires	50,434	52,599	13,139	7,636	18,552	17,932	22,635	18,669	20,277	13,807	23,568
Wire Nets	9,473	15,183	11,851	17,041	39,206	41,649	4,884	13,592	22,794	3,402	17,908
By Hand	.	.	211	16,905	6,506	2,263	19,786	9,056	2,853	3,714	7,662
Cast Nets	.	52	69	9,862	942	10,980	3	.	4,546	34,811	7,658
Skimmer Nets	5,730	2,510	1,085	7,498	2,954	390	2	2,923	1,276	1,942	2,631
Otter Trawl, Fish	10,785	3,022	505	6,482	577	416	.	535	124	1,834	2,698
Pots & Traps, Crab	5,929	1,699	1,671	543	1,967	258	1,266	2,908	1,122	2,727	2,009
Troll Lines	497	194	.	5,559	3,033	95	3,269	.	.	2,244	2,127
Rod & Reel	5,521	1,622	824	.	2,659	.	277	.	73	2,005	1,854
Otter Trawl, Shrimp	2,069	712	3,607	1,685	2,872	153	244	.	190	898	1,381
Manual Reel	.	.	.	20	5,222	3,146	.	149	3,283	.	2,364
Longline, Surface	416	3,664	1,316	.	.	.	.	.	.	.	1,799

Table E.11 Freshwater Finfish Landings by Gear Type, 2000 – 2009 (Continued)

Gear Type	Finfish Landings (in Pounds)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Pots & Traps, Eel	485	.	.	142	2,155	.	213	1,393	.	347	789
Butterfly Nets	.	950	151	76	.	.	.	.	2,849	.	1,007
Pots & Traps, Crawfish	243	142	197	30	.	992	.	.	29	940	368
Bush Lines	907	16	756	.	173	125	.	61	.	.	340
Electric Or Hydraulic Reel	.	.	.	.	1,146	34	116	.	.	.	432
Hoop & Fyke Nets, Turtle	216	25	629	97	.	.	.	.	.	.	242
Spears & Gigs	.	.	.	317	.	86	67	.	.	145	154
Longline, Bottom	424	.	50	.	.	.	.	.	100	.	191
Pots & Traps, Turtle	.	.	.	.	.	31	.	.	180	.	106
Total	11,840,835	13,268,139	12,546,605	11,234,968	12,014,951	11,757,793	11,719,488	12,349,891	11,626,964	10,329,796	11,868,943

Note: The dots indicate that no finfish were reportedly landed. The average was based on the number of non-zero entries in individual gear type.

Table E.12 Nominal Dockside Values of Freshwater Finfish by Gear Type, 2000 – 2009

Gear Type	Nominal Values (in \$)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Hoop & Fyke Nets, Fish	2,638,254	2,368,101	2,304,306	1,822,985	2,225,961	2,131,243	2,361,323	3,451,337	2,192,314	1,656,276	2,315,210
Trot Lines	780,921	654,534	558,559	540,072	534,571	491,154	512,210	498,234	527,277	470,798	556,833
Gillnets, Stake	328,819	350,009	264,383	318,015	401,547	528,809	447,764	389,945	493,186	292,220	381,470
Hand Lines	192,986	159,140	214,574	218,601	198,644	122,976	191,742	295,556	296,066	247,076	213,736
Dip Nets	75,061	217,595	209,031	207,914	217,218	261,043	127,488	230,925	249,974	221,542	201,779
Haul Seine	79,284	49,794	33,372	32,946	78,008	275,093	589,204	58,868	82,239	83,888	136,270
Pots & Traps, Fish	152,848	124,694	119,435	168,327	183,678	108,659	99,904	108,700	116,851	157,610	134,071
Gillnets, Strike	87,199	85,189	113,789	135,580	131,191	114,464	97,627	140,443	140,813	143,950	119,025
Trammel Nets	94,139	90,593	57,014	43,511	32,790	37,679	30,193	53,541	39,598	38,572	51,763
Wire Nets	22,314	21,782	17,898	23,164	16,824	48,729	11,908	9,734	9,837	10,969	19,316
Slat Traps	35,646	33,623	9,606	4,699	7,206	8,233	4,683	15,649	14,698	14,089	14,813
Cans, Buckets, Pipes, Drums, Tires	22,250	21,977	11,043	3,157	8,453	8,433	12,805	9,588	9,261	5,932	11,290
Purse Seine, Other	1,341	1,880	.	.	183	10,366	1,548	4,272	31,606	20,850	9,006
By Hand	.	.	264	9,558	2,808	2,648	25,490	8,305	1,526	5,703	7,038
Skimmer Nets	2,759	1,311	827	5,584	2,805	474	10	3,717	772	1,184	1,944
Otter Trawl, Fish	8,685	1,605	545	3,035	473	285	.	214	62	1,398	1,811
Rod & Reel	4,642	1,217	571	.	1,971	.	360	.	55	3,347	1,738
Pots & Traps, Crab	3,858	1,039	542	552	1,287	271	1,107	4,511	1,552	2,096	1,682
Troll Lines	280	78	.	3,285	2,209	38	2,306	.	.	3,176	1,625
Longline, Surface	443	3,221	1,197	.	.	.	.	.	.	.	1,620
Butterfly Nets	.	428	1,001	66	.	.	.	.	4,986	.	1,620
Cast Nets	.	73	694	1,291	142	1,546	16	.	1,000	7,344	1,513
Manual Reel	.	.	.	6	2,374	1,540	.	200	1,607	.	1,145

Table E.12 Nominal Dockside Values of Freshwater Finfish by Gear Type, 2000 – 2009 (Continued)

Gear Type	Nominal Values (in \$)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Otter Trawl, Shrimp	1,294	386	2,418	1,478	2,981	134	136	.	245	588	1,073
Electric Or Hydraulic Reel	.	.	.	.	2,204	8	10	.	.	.	741
Pots & Traps, Eel	409	.	.	64	934	.	90	557	.	67	354
Bush Lines	889	13	613	.	310	130	.	32	.	.	331
Longline, Bottom	594	.	42	.	.	.	.	.	45	.	227
Hoop & Fyke Nets, Turtle	22	9	662	26	.	.	.	.	.	.	180
Spears & Gigs	.	.	.	381	.	60	84	.	.	77	151
Pots & Traps, Crawfish	255	139	89	11	.	189	.	.	23	188	128
Pots & Traps, Turtle	.	.	.	.	.	55	.	.	36	.	46
Total	4,545,468	4,190,267	3,923,243	3,544,376	4,056,771	4,154,258	4,518,072	5,284,769	4,215,851	3,389,238	4,182,231

Note: The dots indicate that no finfish were reportedly sold. The average was based on the number of non-zero entries in individual gear type.

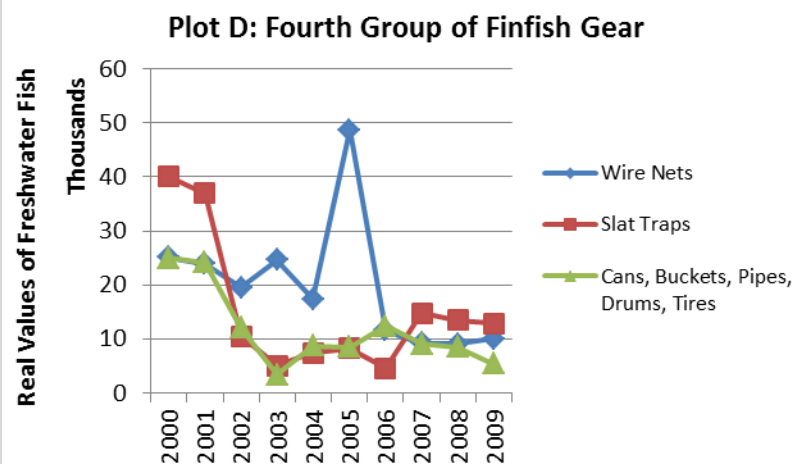
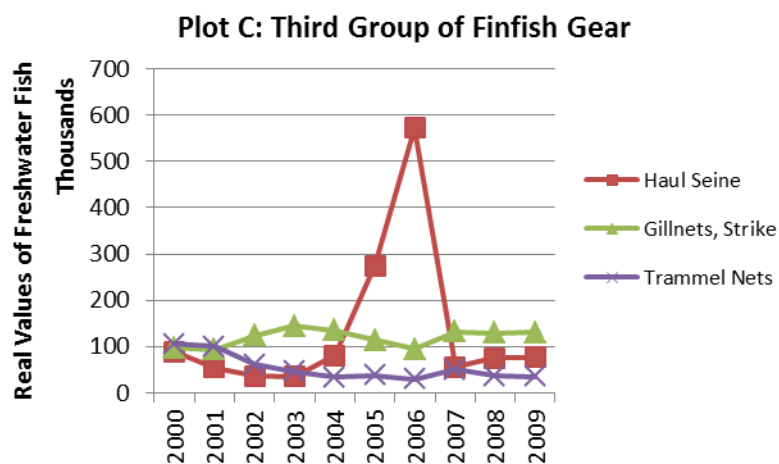
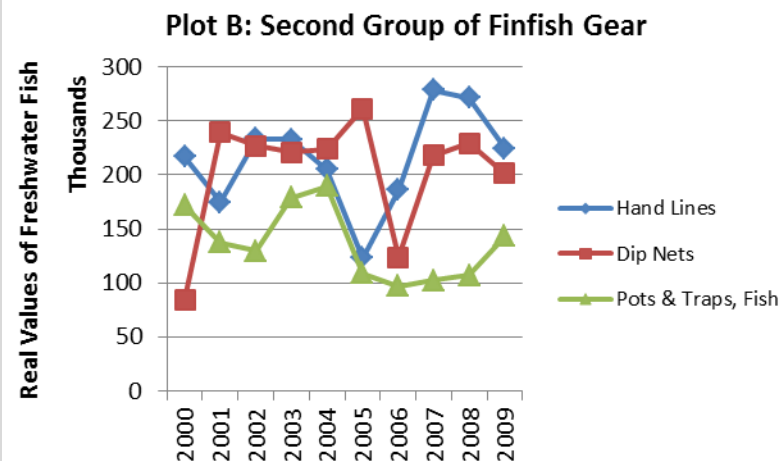
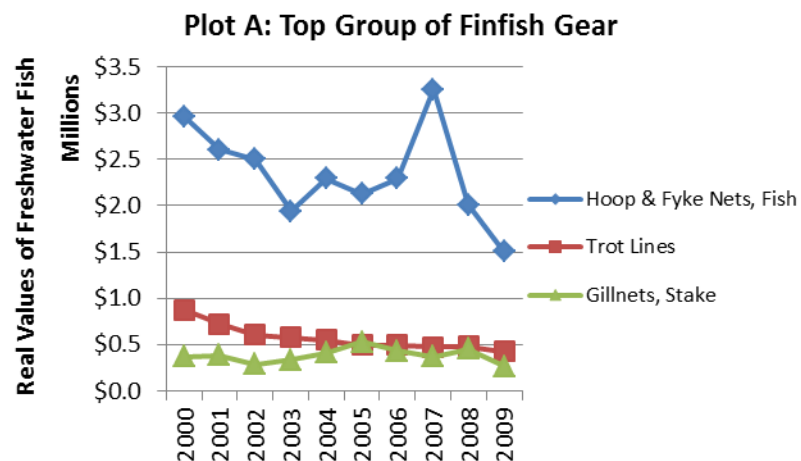
Table E.13 Real Dockside Values of Freshwater Finfish by Gear Type, 2000 – 2009

Gear Type	Real Values (in 2005 Dollar)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Hoop & Fyke Nets, Fish	2,964,330	2,602,309	2,504,681	1,939,346	2,294,805	2,131,243	2,292,547	3,255,978	2,011,297	1,505,706	2,350,224
Trot Lines	877,440	719,268	607,129	574,544	551,104	491,154	497,291	470,032	483,740	427,999	569,970
Gillnets, Stake	369,460	384,625	287,372	338,314	413,966	528,809	434,722	367,872	452,465	265,654	384,326
Hand Lines	216,838	174,879	233,232	232,555	204,787	122,976	186,158	278,827	271,620	224,615	214,649
Dip Nets	84,338	239,116	227,207	221,185	223,936	261,043	123,775	217,854	229,334	201,402	202,919
Pots & Traps, Fish	171,739	137,027	129,820	179,072	189,359	108,659	96,994	102,547	107,202	143,282	136,570
Haul Seine	89,083	54,718	36,274	35,048	80,420	275,093	572,043	55,536	75,448	76,261	134,992
Gillnets, Strike	97,976	93,615	123,684	144,234	135,249	114,464	94,783	132,493	129,186	130,863	119,655
Trammel Nets	105,774	99,553	61,972	46,288	33,804	37,679	29,314	50,510	36,328	35,065	53,629
Wire Nets	25,071	23,936	19,454	24,643	17,345	48,729	11,561	9,183	9,025	9,972	19,892
Slat Traps	40,052	36,949	10,441	4,999	7,429	8,233	4,546	14,763	13,484	12,808	15,370
Cans, Buckets, Pipes, Drums, Tires	24,999	24,150	12,003	3,359	8,714	8,433	12,432	9,045	8,496	5,392	11,702
Purse Seine, Other	1,507	2,065	.	.	188	10,366	1,503	4,030	28,996	18,954	6,761
By Hand	.	.	287	10,168	2,895	2,648	24,748	7,835	1,400	5,184	5,517
Skimmer Nets	3,100	1,440	899	5,941	2,891	474	10	3,506	709	1,077	2,005
Otter Trawl, Fish	9,759	1,764	593	3,229	487	285	.	202	57	1,271	1,765
Pots & Traps, Crab	4,335	1,142	589	588	1,327	271	1,075	4,256	1,424	1,905	1,691
Rod & Reel	5,215	1,337	620	.	2,032	.	350	.	50	3,043	1,807
Cast Nets	.	80	754	1,374	146	1,546	15	.	918	6,676	1,439
Troll Lines	315	85	.	3,495	2,278	38	2,239	.	.	2,887	1,620
Otter Trawl, Shrimp	1,454	425	2,628	1,572	3,073	134	132	.	225	534	1,131
Butterfly Nets	.	470	1,088	70	.	.	.	.	4,574	.	1,551
Manual Reel	.	.	.	6	2,447	1,540	.	189	1,474	.	1,131

Table E.13 Real Dockside Values of Freshwater Finfish by Gear Type, 2000 – 2009 (Continued)

Gear Type	Real Values (in 2005 Dollar)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Longline, Surface	498	3,539	1,301	.	.	.	.	.	.	.	1,779
Electric Or Hydraulic Reel	.	.	.	.	2,272	8	10	.	.	.	763
Pots & Traps, Eel	460	.	.	68	963	.	87	526	.	61	361
Bush Lines	998	14	666	.	320	130	.	30	.	.	360
Pots & Traps, Crawfish	287	153	96	11	.	189	.	.	21	171	133
Hoop & Fyke Nets, Turtle	24	10	720	27	.	.	.	.	.	.	195
Longline, Bottom	667	.	46	.	.	.	.	.	41	.	251
Spears & Gigs	.	.	.	406	.	60	81	.	.	70	154
Pots & Traps, Turtle	.	.	.	.	.	55	.	.	33	.	44
Total	5,095,719	4,602,668	4,263,558	3,770,540	4,182,239	4,154,258	4,386,415	4,985,215	3,867,549	3,080,853	4,238,901

Note: The dots indicate that no finfish were reportedly landed. The average was based on the number of non-zero entries in individual gear type.



Source: Appendix Table E.13.

Figure E.5 Real Dockside Values of Freshwater Finfish by Gear Type, 2000 – 2009

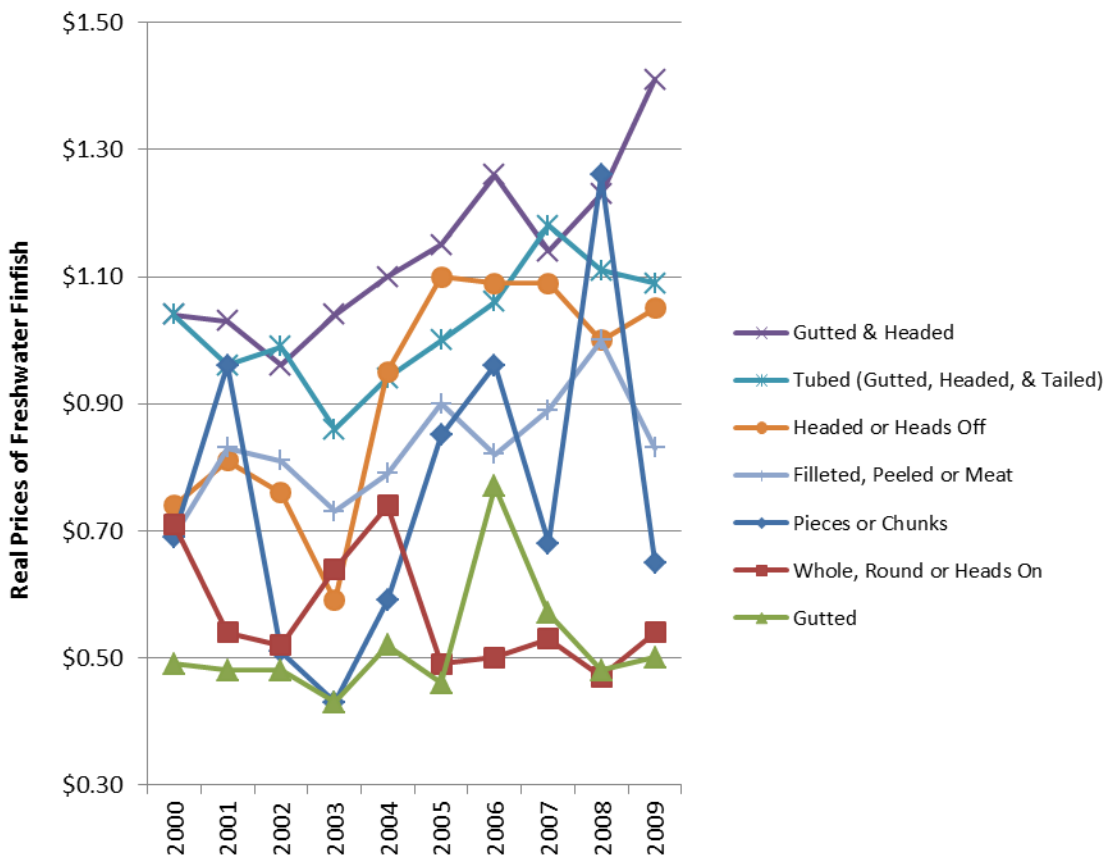
Table E.14 Landings of Freshwater Finfish by Landing Condition, 2000 - 2009

Landing Condition	Landings (in Pounds)											
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average	Percent
Whole, Round or Heads On	10,841,190	12,339,196	11,609,299	10,293,066	11,092,182	11,066,457	11,129,187	11,501,023	10,712,488	9,594,702	11,017,879	92.8%
Filletted, Peeled or Meat	317,469	303,296	417,813	391,377	441,428	284,341	356,302	322,647	293,666	302,835	343,117	2.9%
Gutted	348,149	333,975	124,876	193,031	213,698	190,823	32,724	187,645	231,337	181,743	203,800	1.7%
Tubed (Gutted, Headed & Tailed)	120,796	122,556	199,086	230,390	187,403	124,650	122,160	208,071	214,534	153,297	168,294	1.4%
Gutted & Headed	240,025	139,272	114,150	66,841	44,095	38,391	46,121	53,403	43,546	38,472	82,432	0.7%
Pieces or Chunks	4,233	9,248	33,719	57,811	31,631	51,724	31,870	71,191	116,229	51,778	45,943	0.4%
Headed or Heads Off	1,897	23,970	48,513	2,726	4,514	1,408	1,381	9,426	15,306	8,470	11,761	0.1%
Total	11,873,758	13,271,513	12,547,457	11,235,243	12,014,951	11,757,793	11,719,745	12,353,406	11,627,106	10,331,296	11,873,227	100.0%

Table E.15 Average Dockside Prices of Freshwater Finfish by Landing Condition

Landing Condition	Average Nominal Prices of Freshwater Finfish (in \$)											
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average	Percent
Gutted & Headed	0.93	0.93	0.89	0.98	1.07	1.15	1.30	1.21	1.34	1.55	1.14	195.0%
Tubed (Gutted, Headed, & Tailed)	0.93	0.88	0.91	0.81	0.91	1.00	1.09	1.25	1.21	1.20	1.02	175.1%
Headed or Heads Off	0.66	0.74	0.70	0.56	0.92	1.10	1.13	1.16	1.09	1.16	0.92	158.4%
Filletted, Peeled or Meat	0.62	0.76	0.75	0.69	0.77	0.90	0.85	0.94	1.09	0.92	0.83	142.4%
Pieces or Chunks	0.61	0.88	0.47	0.40	0.57	0.85	0.99	0.72	1.38	0.72	0.76	130.4%
Whole, Round or Heads On	0.63	0.49	0.48	0.60	0.72	0.49	0.51	0.56	0.52	0.60	0.56	96.2%
Gutted	0.43	0.43	0.44	0.40	0.50	0.46	0.79	0.60	0.52	0.55	0.51	88.0%
Total	0.64	0.51	0.50	0.60	0.72	0.52	0.54	0.59	0.57	0.63	0.58	100.0%

Landing Condition	Average Real Prices of Freshwater Finfish (in 2005 Dollar)											
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average	Percent
Gutted & Headed	1.04	1.03	0.96	1.04	1.10	1.15	1.26	1.14	1.23	1.41	1.14	192.5%
Tubed (Gutted, Headed, & Tailed)	1.04	0.96	0.99	0.86	0.94	1.00	1.06	1.18	1.11	1.09	1.02	173.4%
Headed or Heads Off	0.74	0.81	0.76	0.59	0.95	1.10	1.09	1.09	1.00	1.05	0.92	155.6%
Filletted, Peeled or Meat	0.69	0.83	0.81	0.73	0.79	0.90	0.82	0.89	1.00	0.83	0.83	140.5%
Pieces or Chunks	0.69	0.96	0.51	0.43	0.59	0.85	0.96	0.68	1.26	0.65	0.76	128.5%
Whole, Round or Heads On	0.71	0.54	0.52	0.64	0.74	0.49	0.50	0.53	0.47	0.54	0.57	96.3%
Gutted	0.49	0.48	0.48	0.43	0.52	0.46	0.77	0.57	0.48	0.50	0.52	87.8%
Total	0.72	0.56	0.54	0.64	0.74	0.52	0.53	0.56	0.52	0.57	0.59	100.0%



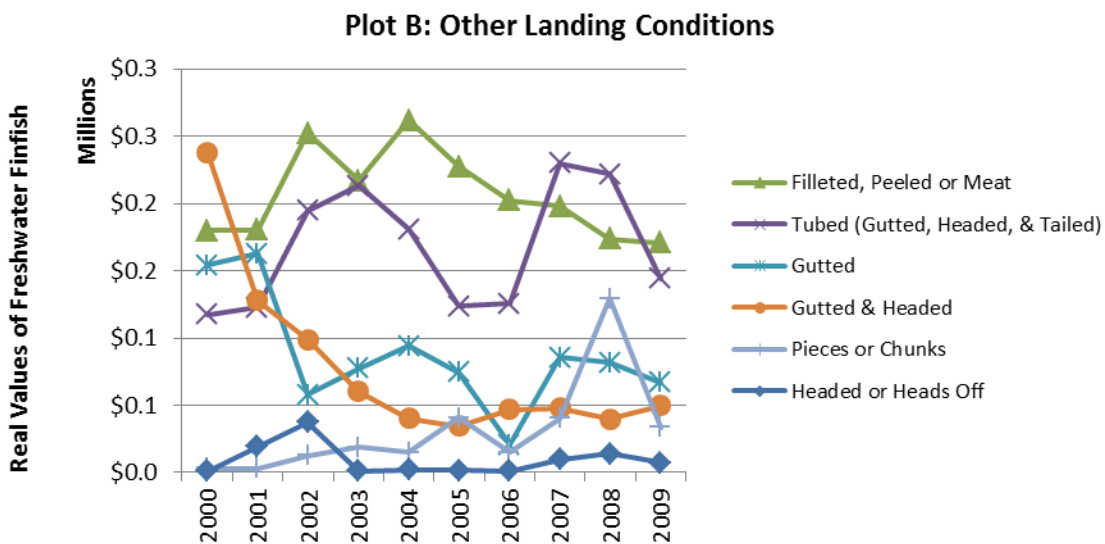
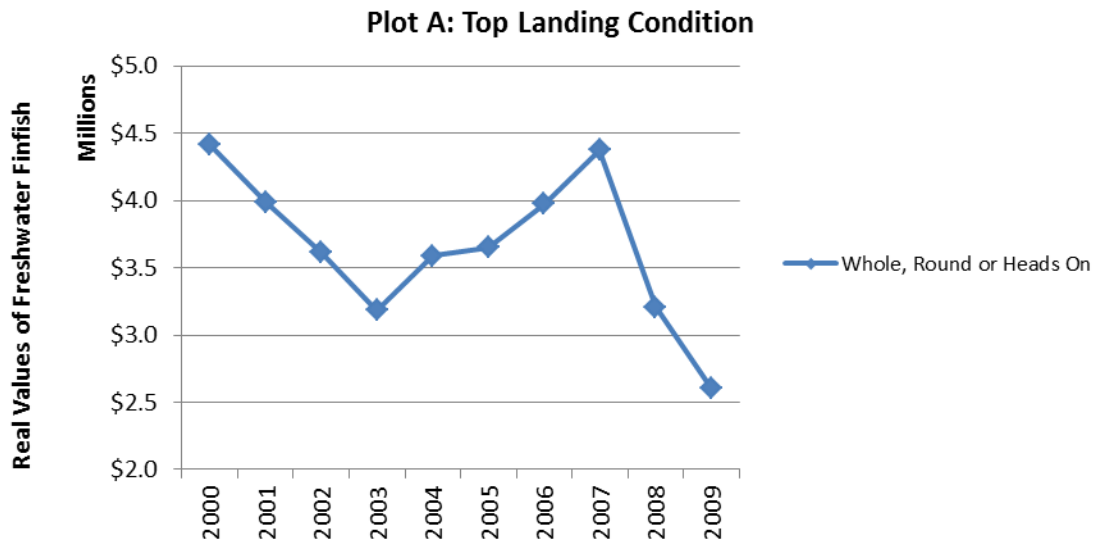
Source: Appendix Table E.15.

Figure E.6 Average Real Dockside Prices of Freshwater Finfish by Landing Condition, 2000 – 2009

Table E.16 Dockside Values of Freshwater Finfish by Landing Condition

Landing Condition	Nominal Values of Freshwater Finfish (in \$)											
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average	Percent
Whole, Round or Heads On	3,928,894	3,630,178	3,322,343	2,991,088	3,480,908	3,651,722	4,094,570	4,637,464	3,496,259	2,869,807	3,610,323	86.3%
Filletted, Peeled or Meat	159,897	163,897	231,912	204,094	253,775	227,420	208,141	209,708	189,428	187,822	203,609	4.9%
Tubed (Gutted, Headed, & Tailed)	104,443	111,561	179,090	200,565	175,450	123,713	129,104	243,505	241,680	158,624	166,774	4.0%
Gutted	137,260	148,062	53,115	72,863	91,071	74,378	21,324	90,469	88,886	73,408	85,084	2.0%
Gutted & Headed	211,290	116,519	90,986	56,566	38,879	34,630	48,304	50,618	43,567	54,832	74,619	1.8%
Pieces or Chunks	2,666	2,707	11,471	17,902	14,500	40,752	15,497	42,796	140,781	36,685	32,576	0.8%
Headed or Heads Off	1,017	17,343	34,326	1,298	2,188	1,642	1,132	10,209	15,250	8,059	9,246	0.2%
Total	4,545,468	4,190,267	3,923,243	3,544,376	4,056,771	4,154,258	4,518,072	5,284,769	4,215,851	3,389,238	4,182,231	100.0%

Landing Condition	Real Values of Freshwater Finfish (in 2005 Dollar)											
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average	Percent
Whole, Round or Heads On	4,414,488	3,989,207	3,611,242	3,182,008	3,588,565	3,651,722	3,975,311	4,374,966	3,207,577	2,608,916	3,660,400	86.3%
Filletted, Peeled or Meat	179,659	180,106	252,079	217,122	261,624	227,420	202,079	197,837	173,787	170,748	206,246	4.9%
Tubed (Gutted, Headed, & Tailed)	117,352	122,595	194,663	213,367	180,876	123,713	125,343	229,722	221,725	144,204	167,356	3.9%
Gutted	154,225	162,706	57,733	77,514	93,888	74,378	20,703	85,348	81,547	66,735	87,478	2.1%
Gutted & Headed	237,405	128,043	98,897	60,177	40,082	34,630	46,897	47,753	39,970	49,847	78,370	1.8%
Pieces or Chunks	2,995	2,975	12,469	19,044	14,948	40,752	15,045	40,373	129,157	33,350	31,111	0.7%
Headed or Heads Off	1,143	19,058	37,311	1,381	2,255	1,642	1,099	9,632	13,991	7,326	9,484	0.2%
Total	5,107,267	4,604,689	4,264,394	3,770,613	4,182,239	4,154,258	4,386,478	4,985,631	3,867,753	3,081,125	4,240,445	100.0%



Source: Appendix Table E.16.

Figure E.7 Real Dockside Values of Freshwater Finfish by Landing Condition, 2000 – 2009

Appendix F - Landings, Prices and Values of Saltwater Finfish

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Table F.1 Landings, Dockside Prices and Values of Menhaden, 2000 - 2009

	Menhaden Landings, Average Prices and Values										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Landings (Lbs.)	1,087,093,173	859,919,595	1,093,996,770	953,713,530	862,946,535	657,701,908	746,492,760	789,620,750	741,182,140	785,574,598	857,824,176
Nominal Prices (\$)	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.06	0.05	0.04
Real Prices (\$)	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.06	0.05	0.04
Nominal Value (\$)	32,874,121	29,726,780	40,377,753	34,464,432	35,248,688	25,772,106	29,781,088	41,367,975	45,960,488	42,554,989	35,812,842
Real Value (\$)	36,937,214	32,666,791	43,888,862	36,664,289	36,338,853	25,772,106	28,913,678	39,026,392	42,165,586	38,686,354	36,106,013
	Percent Share of Menhaden in Saltwater Finfish Landings and Values										
Landings	97.8%	97.8%	98.4%	97.9%	97.7%	98.2%	98.3%	98.4%	98.7%	98.6%	98.2%
Nominal / Real Value	50.8%	56.1%	61.1%	58.0%	57.0%	57.1%	60.4%	68.6%	76.4%	72.1%	61.8%

Table F.2 Landings of Non-Menhaden Saltwater Finfish by Species, 2000 – 2009

Species	Landings of Non-Menhaden Saltwater Finfish (in Pounds)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Black Drum	2,843,752	3,195,359	3,118,300	3,516,731	3,762,074	2,377,328	1,932,808	2,364,956	2,452,131	3,175,561	2,873,900
Mullet - Red Roe	5,459,341	3,565,879	2,174,268	3,649,438	3,840,505	1,086,645	2,948,844	1,294,472	1,363,774	73,910	2,545,708
Yellowfin Tuna	3,689,335	2,612,271	3,410,436	3,018,509	3,080,459	2,153,012	2,030,941	2,320,708	1,173,644	1,900,611	2,538,993
Red Snapper	2,783,907	2,436,064	2,178,594	1,725,685	1,560,234	1,316,354	1,652,910	807,416	594,557	666,592	1,572,231
Sheepshead	2,592,745	1,797,955	1,583,356	1,637,943	1,519,015	1,022,233	566,598	1,024,224	1,164,045	1,214,450	1,412,256
King Mackerel	948,719	817,717	866,293	910,546	983,806	867,295	970,817	878,890	849,291	927,163	902,054
Blacktip Shark	1,265,917	1,097,103	794,895	1,235,324	927,725	428,305	504,778	1,217,517	384,055	459,576	831,520
Jellyfish	-	-	-	631,961	-	-	-	-	-	-	631,961
Vermilion Snapper	503,541	600,555	755,287	1,052,996	921,044	588,223	365,159	516,565	427,520	412,378	614,327
Swordfish	722,823	470,980	700,111	611,021	480,885	540,923	460,343	568,437	473,758	652,525	568,181
Mullet - White Roe	1,728,037	601,596	346,431	847,597	864,252	124,491	385,458	49,092	107,480	5,150	505,958
Butterfish	-	-	-	-	-	-	-	291,050	-	-	291,050
Greater Amberjack	205,795	217,313	259,687	320,103	406,524	162,344	117,566	92,408	78,786	137,807	199,833
Escolar	138,257	79,457	114,117	153,419	145,140	77,610	86,059	114,819	71,956	104,819	108,565
Yellowedge Grouper	160,868	79,172	147,887	100,911	114,242	102,008	111,091	74,240	91,235	97,537	107,919
Blue Runner	76,073	75,317	159,102	208,377	290,416	152,489	16,391	56,409	18,067	25,870	107,851
Wahoo	111,570	79,432	88,694	88,328	108,952	85,267	99,637	80,311	58,065	86,993	88,725
Flounder	177,384	90,278	81,831	63,649	73,696	21,576	83,824	78,828	77,398	131,050	87,951
Dolphin	80,589	102,401	85,233	67,907	126,590	28,157	37,410	93,670	43,333	71,900	73,719
Bluefin Tuna	75,923	37,206	63,855	81,486	137,921	90,804	31,766	66,801	51,812	38,251	67,583
Warsaw Grouper	70,786	64,844	110,354	98,366	65,558	56,653	62,104	31,532	26,666	32,123	61,899
Florida Pompano	51,315	82,209	66,422	71,378	63,216	14,706	27,468	56,304	18,338	67,884	51,924

Table F.2 Landings of Non-Menhaden Saltwater Finfish by Species, 2000 – 2009 (Continued)

Species	Landings of Non-Menhaden Saltwater Finfish (in Pounds)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Striped Mullet	65,573	92,458	33,913	26,670	48,999	26,993	26,347	31,463	32,029	115,052	49,950
Scamp	58,450	38,445	56,925	56,482	61,511	50,623	34,219	50,993	45,299	35,048	48,800
Whiting	116,999	91,352	52,357	42,480	82,836	32,394	9,559	10,786	10,112	9,938	45,881
Gray Triggerfish	73,362	51,318	69,974	62,257	48,740	24,902	16,228	18,289	9,513	8,220	38,280
Bull Shark	-	148	77	10,451	10,579	13,081	27,072	96,480	73,781	92,143	35,979
Bigeye Tuna	45,375	14,118	42,495	33,293	21,033	26,939	54,266	56,084	20,868	32,024	34,650
Gray Snapper	16,863	25,541	35,899	42,833	51,051	47,266	29,838	21,123	30,240	37,358	33,801
Goldface Tilefish	9,812	35,245	20,987	37,985	90,424	34,772	28,711	19,486	30,660	25,764	33,385
Spotted Seatrout	40,283	109,467	71,547	19,402	19,874	16,948	2,042	11,050	10,232	999	30,184
Spinner Shark	-	-	-	992	-	-	4,787	1,924	112,024	16,990	27,343
Oilfish	57,765	49,943	46,419	31,899	35,669	16,766	5,761	7,939	975	2,868	25,600
Gag Grouper	34,101	20,978	29,048	21,123	24,162	25,553	18,295	27,577	20,244	20,380	24,146
Cobia	46,628	30,216	31,624	24,060	20,179	15,852	12,371	9,463	11,182	15,197	21,677
Bar Jack	10,616	16,520	27,732	21,839	30,479	15,054	12,488	26,412	30,894	24,675	21,671
Lesser Amberjack	13,429	13,235	56,737	45,680	32,169	22,282	6,106	5,760	7,092	922	20,341
White Trout	55,996	23,958	29,233	22,863	16,109	10,335	17,212	12,720	8,413	6,485	20,332
Almaco Jack	25,195	37,108	27,727	18,115	16,561	10,489	7,699	13,592	7,590	12,648	17,672
Lane Snapper	18,471	13,082	21,420	31,624	36,048	22,045	17,345	5,561	2,280	2,221	17,010
Tilefish	49,173	36,234	47,953	7,836	2,451	6,205	511	5,016	9,703	582	16,566
Snowy Grouper	13,733	7,900	19,171	15,131	13,889	17,395	16,399	17,904	19,247	14,204	15,497
Albacore Tuna	7,740	5,732	19,054	8,392	21,259	12,682	11,274	29,331	9,969	28,832	15,427
Red Porgy	11,255	8,051	11,745	15,606	11,412	11,076	11,440	20,057	16,593	14,148	13,138
Little Tunny	20,306	10,836	27,591	18,706	11,342	5,747	10,492	7,730	7,624	8,244	12,862

Table F.2 Landings of Non-Menhaden Saltwater Finfish by Species, 2000 – 2009 (Continued)

Species	Landings of Non-Menhaden Saltwater Finfish (in Pounds)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Blackfin Tuna	31,795	25,314	23,150	13,628	9,441	6,664	4,245	3,364	1,730	723	12,005
Black Snapper	43,578	26,786	22,533	2,309	6,783	2,440	2,737	359	355	67	10,795
Croaker	19,696	13,807	8,422	10,347	6,072	6,700	8,382	13,583	8,180	12,717	10,791
Spadefish	32,342	1,182	12,357	11,392	15,400	16,423	474	2,926	5,957	6,924	10,538
Black Driftfish	15,863	10,607	12,138	8,550	25,161	5,214	3,380	8,182	4,685	1,861	9,564
Shortfin Mako	10,394	10,017	7,501	9,962	11,105	14,434	5,139	7,919	3,501	8,897	8,887
Black Grouper	19,361	16,255	12,252	11,495	11,405	6,766	930	263	568	946	8,024
Spanish Mackerel	7,842	9,089	9,434	8,359	8,540	2,693	7,480	5,730	8,899	9,448	7,751
Silk Snapper	13,486	9,809	10,709	6,655	7,184	4,333	3,213	2,520	3,794	2,813	6,452
Queen Snapper	6,794	13,635	6,138	2,923	2,909	4,151	173	2,117	8,641	4,625	5,211
Hake	11,698	3,775	6,902	3,280	4,399	5,430	3,890	2,070	5,589	2,186	4,922
Sandbar Shark	77	30	15,977	-	7,092	-	-	-	265	-	4,688
Longfin Mako	5,655	5,541	2,762	2,190	-	-	-	-	-	-	4,037
Marbled Grouper	2,032	2,598	2,486	2,833	3,643	3,391	1,311	5,479	7,600	5,478	3,685
Yellowfin Grouper	6,354	1,625	7,204	3,142	3,044	3,276	258	3,475	2,107	1,791	3,228
Blue Shark	961	78	-	8,879	-	-	-	-	2,763	2,578	3,052
Tripletail	2,360	3,216	3,128	2,027	2,295	139	3,781	1,109	351	5,439	2,385
Silky Shark	2,353	-	-	-	-	-	-	-	-	-	2,353
Atlantic Bonito	2,082	7,951	-	-	-	-	-	48	938	408	2,285
Gafftopsail Catfish	939	7,482	1,354	93	219	-	-	-	-	-	2,017
Barracuda	414	905	824	6,073	5,095	1,384	117	246	2,093	527	1,768
Sharks Unclassified	979	696	1,159	1,524	2,361	3,660	-	-	-	-	1,730
Creole Fish	3,757	978	1,032	5,260	3,415	674	68	252	85	-	1,725
Whitebone Porgy	1,747	2,488	2,792	3,116	2,616	1,728	523	572	182	313	1,608

Table F.2 Landings of Non-Menhaden Saltwater Finfish by Species, 2000 – 2009 (Continued)

Species	Landings of Non-Menhaden Saltwater Finfish (in Pounds)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Grunts	1,035	1,015	5,252	1,561	382	161	-	-	-	-	1,568
Bluefish	1,952	1,673	1,125	2,446	2,303	878	123	226	1,012	270	1,201
Dogfish Unclassified	1,219	-	-	-	1,161	-	-	-	-	-	1,190
Knobbed Porgy	129	72	171	58	8,319	32	347	28	704	1,373	1,123
Red Grouper	152	1,378	2,634	773	3,299	1,028	107	391	245	178	1,019
Unknown Species	4,093	875	1,157	1,402	1,001	270	58	17,559	16	6	2,644
Other	13,241	13,941	13,590	17,188	17,478	8,526	5,889	6,989	6,953	6,907	11,070
Total Non-Menhaden	24,742,182	19,027,811	18,078,964	20,854,859	20,351,152	11,862,217	12,925,059	12,670,796	10,129,688	10,883,567	16,152,630

Note: “Other” includes non-menhaden several saltwater finfish species with ten-year average landings below 1,000 pounds. The dots indicate that no landings were reported.

Table F.3 Average Nominal Dockside Prices of Non-Menhaden Saltwater Finfish by Species, 2000 – 2009

Species	Average Nominal Dockside Prices of Non-Menhaden Saltwater Finfish (in \$)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Bluefin Tuna	5.92	4.88	4.75	4.74	3.83	4.10	3.79	4.59	4.48	3.80	4.49
Bigeye Tuna	4.01	3.99	4.11	3.45	3.89	4.30	3.90	2.58	2.49	3.64	3.64
Florida Pompano	3.52	3.83	3.83	3.63	3.83	3.47	3.11	3.24	3.12	2.91	3.45
Croaker	1.28	1.88	1.68	2.50	2.92	2.49	2.47	3.90	5.00	4.79	2.89
Red Snapper	2.11	2.26	2.19	2.32	2.47	2.67	2.72	3.27	3.51	3.23	2.68
Yellowedge Grouper	2.30	2.30	2.35	2.34	2.39	2.42	2.58	2.75	3.06	2.82	2.53
Yellowfin Tuna	2.41	2.42	2.26	2.33	2.60	2.51	2.59	2.61	2.85	2.58	2.52
Scamp	2.24	2.37	2.31	2.39	2.42	2.46	2.45	2.51	2.80	2.67	2.46
Gag Grouper	2.23	2.23	2.22	2.27	2.34	2.37	2.45	2.41	2.71	2.64	2.39
Black Grouper	2.14	2.33	2.28	2.43	2.40	2.46	2.26	2.13	2.88	2.10	2.34
Yellowmouth Grouper	2.01	2.25	1.84	2.12	2.47	1.97	2.50	2.18	2.18	2.39	2.19
Yellowfin Grouper	1.99	1.82	1.90	1.96	2.10	2.28	2.28	2.36	2.48	2.66	2.18
Misty Grouper	2.03	1.88	.	2.03	.	2.75	2.15	2.15	2.20	2.03	2.15
Snowy Grouper	1.93	1.99	1.95	1.90	2.01	2.08	2.13	2.20	2.44	2.31	2.09
Lane Snapper	1.89	1.90	1.82	1.74	1.75	1.85	2.04	2.33	2.43	2.46	2.02
Yellowtail Snapper	1.72	2.16	1.46	1.81	1.87	1.94	1.75	2.43	2.25	2.55	1.99
Marbled Grouper	1.83	1.79	1.82	1.88	1.88	1.98	2.06	2.08	2.23	2.08	1.96
Vermilion Snapper	1.89	1.94	1.81	1.83	1.84	1.93	2.09	2.07	2.15	2.02	1.96
Speckled Hind	1.69	1.66	1.79	1.87	1.82	1.89	2.13	1.89	2.54	2.04	1.93
Red Grouper	1.86	1.80	1.80	1.92	1.85	1.89	1.95	1.98	1.96	2.02	1.90
Warsaw Grouper	1.74	1.85	1.80	1.84	1.86	1.92	2.00	1.83	2.02	1.85	1.87
Blackfin Snapper	1.75	1.93	1.89	1.70	1.73	1.88	2.01	1.92	1.92	1.82	1.86

Table F.3 Average Nominal Dockside Prices of Non-Menhaden Saltwater Finfish by Species, 2000 – 2009 (Continued)

Species	Average Nominal Dockside Prices of Non-Menhaden Saltwater Finfish (in \$)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Spotted Seatrout	1.69	1.97	1.86	1.95	1.93	1.95	1.95	1.83	1.95	1.45	1.85
Cobia	1.69	1.68	1.72	1.76	1.77	1.81	1.73	1.92	2.02	2.16	1.83
Dog Snapper	.	1.67	1.35	.	1.74	1.96	.	.	2.40	1.80	1.82
Swordfish	1.97	1.99	1.93	1.73	1.98	1.79	1.69	1.66	1.59	1.56	1.79
Silk Snapper	1.76	1.68	1.66	1.77	1.80	1.85	1.74	1.86	1.95	1.79	1.79
Red Hind	1.83	1.80	1.76	1.61	1.58	1.70	1.73	1.84	1.93	2.03	1.78
Nassau Grouper	1.74	.	.	.	.	.	.	.	.	.	1.74
Queen Snapper	1.63	1.72	1.55	1.53	1.91	1.48	1.31	1.91	2.03	2.04	1.71
Mutton Snapper	1.82	2.22	1.24	1.58	1.76	1.35	1.80	.	.	.	1.68
Rock Hind	1.36	1.48	1.69	1.79	1.47	1.68	1.86	1.83	1.86	.	1.67
Gray Snapper	1.58	1.60	1.65	1.71	1.78	1.68	1.68	1.61	1.72	1.56	1.66
Mahogany Snapper	1.58	1.35	1.13	1.72	.	.	.	1.80	1.75	1.76	1.58
Cubera Snapper	1.20	1.13	1.76	1.66	1.66	1.98	1.46	1.65	1.91	1.35	1.58
Black Snapper	1.64	1.58	1.57	1.47	1.51	1.51	1.39	1.42	1.63	1.53	1.53
Black Driftfish	1.33	1.56	1.51	1.36	1.45	1.37	1.40	1.34	1.31	1.39	1.40
Flounder	1.35	1.19	1.21	1.26	1.33	1.48	1.46	1.39	1.46	1.54	1.37
Opah	0.95	1.10	1.20	1.44	1.12	1.20	0.96	1.46	1.92	1.44	1.28
King Mackerel	1.06	1.22	1.21	1.05	1.21	1.41	1.17	1.49	1.59	1.21	1.26
Pomfrets	.	1.20	.	.	.	.	.	.	.	.	1.20
Blackline Tilefish	.	.	0.89	.	.	.	.	.	.	1.50	1.20
Scorpionfish	1.14	1.18	1.01	1.20	1.16	1.20	.	.	.	.	1.15
Goldface Tilefish	0.85	1.04	1.00	1.14	1.15	1.14	1.26	1.25	1.36	1.28	1.15
Ocean Triggerfish	.	1.44	.	.	1.11	0.75	1.23	.	.	.	1.13

Table F.3 Average Nominal Dockside Prices of Non-Menhaden Saltwater Finfish by Species, 2000 – 2009 (Continued)

Species	Average Nominal Dockside Prices of Non-Menhaden Saltwater Finfish (in \$)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Longsnout Scorpionfish	1.28	.	.	1.20	1.20	0.84	.	.	.	.	1.13
Skipjack Tuna	0.38	0.38	.	4.32	0.30	0.20	.	.	.	.	1.12
Gray Triggerfish	1.07	1.08	1.06	1.08	1.07	1.10	1.04	1.02	1.04	1.09	1.07
Greater Amberjack	1.16	1.05	1.03	0.93	0.91	0.98	1.05	1.12	1.24	1.16	1.06
Spiny Cheek Scorpionfish	1.09	1.04	1.04	0.99	0.99	0.98	1.00	1.05	1.01	1.02	1.02
Lesser Amberjack	1.08	1.06	0.99	0.94	0.90	1.02	1.06	1.01	1.17	0.94	1.02
Parrotfish	1.27	0.97	0.98	0.96	0.96	1.11	0.96	0.96	0.96	.	1.01
Bulleye	1.06	.	0.96	.	.	.	.	.	.	.	1.01
Soapfish	1.44	1.17	.	0.42	.	.	.	.	.	.	1.01
Lemon Shark	.	1.31	1.27	1.18	.	.	.	.	.	0.27	1.01
African Pompano	0.51	0.29	0.63	0.48	0.84	.	.	3.50	.	0.73	1.00
Longtail Bass	0.98	0.95	0.96	0.96	0.96	0.99	0.96	1.00	1.09	1.07	0.99
Red Porgy	1.05	1.07	1.10	1.02	0.96	1.00	0.88	0.90	0.96	0.96	0.99
Spotted Scorpionfish	0.84	1.08	0.96	1.20	.	0.96	0.96	.	0.96	0.96	0.99
Wahoo	1.06	1.05	0.94	0.98	0.98	1.01	0.93	0.94	0.98	0.92	0.98
Queen Triggerfish	1.00	1.13	1.11	0.40	1.10	0.92	1.11	.	.	.	0.97
Tilefish	1.27	1.23	1.30	0.77	0.75	0.79	0.84	0.91	0.90	0.89	0.97
Crimson Rover	0.96	.	.	.	.	.	.	.	.	.	0.96
Bearded Brotula	0.76	0.75	0.87	0.91	0.78	0.80	0.88	0.99	1.79	.	0.95
Dolphin	1.02	0.94	0.86	0.95	0.95	1.00	0.94	0.92	0.91	0.92	0.94
White Trout	0.94	0.94	0.96	1.04	0.94	0.93	0.92	0.89	0.94	0.88	0.94
Wenchman	0.73	0.94	0.78	0.85	0.86	0.69	1.80	0.05	1.58	.	0.92
Hake	0.95	0.96	0.92	0.87	0.92	0.90	0.91	0.88	0.90	0.92	0.91
Jolthead Porgy	1.43	0.84	0.12	0.96	1.03	0.96	1.08	0.77	.	.	0.90

Table F.3 Average Nominal Dockside Prices of Non-Menhaden Saltwater Finfish by Species, 2000 – 2009 (Continued)

Species	Average Nominal Dockside Prices of Non-Menhaden Saltwater Finfish (in \$)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Knobbed Porgy	0.96	0.77	1.00	0.96	0.35	0.30	1.15	0.96	1.15	1.18	0.88
Bigeye Unclassified	1.18	1.17	1.02	0.48	0.50	0.51	0.48	0.82	1.68	.	0.87
Almaco Jack	0.89	0.90	0.81	0.66	0.66	0.76	0.92	0.94	0.99	0.93	0.85
Blue Shark	0.61	0.42	.	2.57	.	.	.	.	0.34	0.29	0.85
Tripletail	0.76	0.74	0.76	0.75	0.81	0.87	0.94	0.88	0.89	0.88	0.83
Whitebone Porgy	1.09	0.86	0.83	0.59	0.59	0.56	0.52	0.54	1.36	1.25	0.82
Oilfish	0.94	0.88	0.65	0.63	0.67	0.64	0.68	0.92	1.00	1.09	0.81
Moray Eel	.	.	.	.	.	.	0.80	.	.	.	0.80
Longfin Mako	0.82	0.77	0.75	0.78	.	.	.	.	.	.	0.78
Bar Jack	0.88	0.84	0.81	0.78	0.65	0.67	0.68	0.75	0.91	0.78	0.78
Bigeye	0.93	0.83	0.82	0.67	0.69	0.56	0.52	0.65	1.07	0.90	0.76
Creole Fish	0.90	0.78	0.68	0.58	0.57	0.61	0.57	0.68	1.46	.	0.76
Shortfin Mako	0.83	0.81	0.72	0.68	0.70	0.71	0.73	0.76	0.75	0.74	0.74
Rudderfish	0.33	0.89	.	0.62	0.45	0.58	.	.	.	1.45	0.72
Blueline Tilefish	0.87	0.54	.	.	0.45	.	.	.	0.73	1.00	0.72
Conger Eel	0.52	.	.	0.90	.	.	.	.	.	.	0.71
Moonfish	0.71	.	.	.	.	.	.	.	.	.	0.71
Escolar	0.83	0.80	0.66	0.65	0.60	0.60	0.66	0.70	0.72	0.70	0.69
Rainbow Runner	0.59	0.55	0.61	0.58	0.55	0.51	0.53	0.77	1.50	.	0.69
Spanish Mackerel	0.60	0.67	0.63	0.56	0.65	0.63	1.24	0.62	0.56	0.64	0.68
Black Drum	0.66	0.56	0.55	0.57	0.61	0.72	0.71	0.76	0.79	0.76	0.67
Sand Tilefish	0.68	.	.	0.56	0.51	0.89	0.45	.	0.89	.	0.66
Banded Rudderfish	0.96	0.48	0.56	0.38	0.72	0.19	.	1.35	0.57	.	0.65
Mullet - Red Roe	0.79	0.64	0.76	0.69	0.66	0.81	0.67	0.49	0.51	0.47	0.65

Table F.3 Average Nominal Dockside Prices of Non-Menhaden Saltwater Finfish by Species, 2000 – 2009 (Continued)

Species	Average Nominal Dockside Prices of Non-Menhaden Saltwater Finfish (in \$)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Black Seabass	.	.	.	0.87	0.48	0.48	.	.	.	.	0.61
Barracuda	0.77	0.51	0.62	0.48	0.59	0.53	0.60	0.26	0.84	0.67	0.59
Squirrelfish	0.51	0.44	0.44	0.45	0.44	0.44	1.22	0.44	0.88	.	0.58
Spanish Flag	0.63	.	.	0.48	.	.	.	.	.	.	0.56
Black Jack	0.68	0.70	0.41	0.37	0.38	.	0.50	.	.	.	0.51
Spot	0.31	.	.	0.49	0.52	0.60	0.31	0.60	0.60	0.59	0.50
Chubs	0.97	0.35	0.94	0.20	0.29	0.19	.	.	.	.	0.49
Blue Runner	0.44	0.42	0.38	0.39	0.36	0.43	0.54	0.77	0.48	0.65	0.49
Horse-Eye Jack	1.07	0.24	0.31	0.29	0.36	0.31	0.43	.	.	0.72	0.47
Albacore Tuna	0.62	0.43	0.54	0.48	0.46	0.36	0.39	0.42	0.35	0.50	0.46
Jack Cravelle	.	0.27	0.56	0.40	0.40	.	0.50	0.40	0.39	0.60	0.44
Pinfish	0.63	.	.	.	0.25	.	.	.	.	.	0.44
Sandbar Shark	0.00	0.33	1.18	.	0.24	.	.	.	0.43	.	0.44
Blacknose Shark	.	.	.	.	.	.	.	.	0.42	.	0.42
Thresher Sharks	.	.	0.42	.	.	.	.	.	.	.	0.42
Grunts	0.54	0.57	0.44	0.31	0.36	0.29	.	.	.	.	0.42
Finetooth Shark	0.36	.	.	.	.	.	.	.	0.60	0.25	0.40
Puffers	.	.	0.40	.	.	.	.	.	.	.	0.40
Spadefish	0.33	0.26	0.38	0.39	0.38	0.46	0.45	0.42	0.41	0.43	0.39
Gafftopsail Catfish	0.20	0.14	0.18	0.51	0.89	.	.	.	.	.	0.38
Bluefish	0.45	0.32	0.23	0.27	0.35	0.38	0.33	0.34	0.59	0.52	0.38
Little Tunny	0.39	0.34	0.33	0.35	0.35	0.33	0.38	0.38	0.39	0.43	0.37
Whiting	0.34	0.32	0.32	0.31	0.39	0.36	0.41	0.40	0.38	0.38	0.36
Blackfin Tuna	0.38	0.37	0.35	0.35	0.38	0.38	0.34	0.35	0.30	0.38	0.36

Table F.3 Average Nominal Dockside Prices of Non-Menhaden Saltwater Finfish by Species, 2000 – 2009 (Continued)

Species	Average Nominal Dockside Prices of Non-Menhaden Saltwater Finfish (in \$)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Sharks Unclassified	0.40	0.25	0.37	0.33	0.40	0.36	.	.	.	.	0.35
Angelfish	0.41	.	.	0.40	0.23	.	.	.	.	.	0.35
Tiger Shark	.	0.25	0.50	.	.	.	.	.	0.36	0.25	0.34
Atlantic Bonito	0.30	0.35	.	.	.	.	.	0.38	0.35	0.30	0.34
Hardhead Catfish	.	.	.	.	.	0.70	.	0.00	.	0.30	0.33
Dusky Shark	.	.	0.33	.	.	.	.	.	.	.	0.33
Porbeagle Shark	.	.	0.22	0.39	.	.	.	.	.	.	0.31
Hammerhead Shark	.	.	.	.	.	.	.	.	0.32	0.26	0.29
Night Shark	.	.	.	0.29	.	.	.	.	.	.	0.29
Sheepshead	0.29	0.26	0.24	0.26	0.28	0.28	0.32	0.29	0.32	0.34	0.29
Bull Shark	.	0.30	0.40	0.17	0.14	0.29	0.26	0.29	0.40	0.28	0.28
Striped Mullet	0.27	0.25	0.06	0.24	0.29	0.31	0.16	0.35	0.43	0.28	0.26
Blacktip Shark	0.32	0.27	0.23	0.15	0.17	0.25	0.28	0.27	0.39	0.28	0.26
Stingrays Unclassified	.	0.16	0.20	0.16	0.21	0.37	.	0.23	.	0.30	0.23
Butterfish	.	.	.	.	.	.	.	0.18	.	.	0.18
Spinner Shark	.	.	.	0.00	.	.	0.08	0.00	0.40	0.28	0.15
Small Coastal Sharks Uncl.	.	.	.	.	0.14	.	.	.	.	.	0.14
Dogfish Unclassified	0.00	.	.	.	0.22	.	.	.	.	.	0.11
Jellyfish	.	.	.	0.08	.	.	.	.	.	.	0.08
Mullet - White Roe	0.09	0.06	0.08	0.06	0.06	0.05	0.05	0.17	0.06	0.11	0.08
Unknown Species	0.87	0.63	0.61	0.55	0.43	0.23	0.58	0.30	0.66	0.47	0.53
Total	1.08	1.01	1.06	1.05	1.06	1.18	1.20	1.14	1.13	1.11	1.10

Note: The dots indicate that no landings or sales were reported. The average column disregarded the dots.

Table F.4 Average Real Dockside Prices of Non-Menhaden Saltwater Finfish by Species, 2000 – 2009

Species	Average Real Dockside Prices of Non-Menhaden Saltwater Finfish (in 2005 Dollar)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Bluefin Tuna	6.65	5.37	5.16	5.05	3.95	4.10	3.68	4.33	4.11	3.45	4.59
Bigeye Tuna	4.51	4.38	4.47	3.67	4.01	4.30	3.79	2.44	2.28	3.31	3.72
Florida Pompano	3.96	4.21	4.17	3.86	3.95	3.47	3.02	3.06	2.87	2.65	3.52
Croaker	1.44	2.07	1.83	2.66	3.01	2.49	2.40	3.68	4.59	4.35	2.85
Red Snapper	2.37	2.49	2.38	2.47	2.55	2.67	2.64	3.09	3.22	2.94	2.68
Yellowedge Grouper	2.59	2.53	2.55	2.49	2.46	2.42	2.50	2.59	2.81	2.57	2.55
Yellowfin Tuna	2.70	2.66	2.45	2.47	2.68	2.51	2.52	2.46	2.62	2.34	2.54
Scamp	2.52	2.61	2.52	2.55	2.50	2.46	2.38	2.37	2.57	2.42	2.49
Gag Grouper	2.51	2.45	2.41	2.42	2.41	2.37	2.38	2.28	2.48	2.40	2.41
Black Grouper	2.41	2.56	2.48	2.59	2.48	2.46	2.19	2.01	2.64	1.91	2.37
Yellowmouth Grouper	2.26	2.47	2.00	2.25	2.54	1.97	2.43	2.06	2.00	2.18	2.22
Yellowfin Grouper	2.24	2.00	2.06	2.09	2.17	2.28	2.21	2.22	2.28	2.42	2.20
Misty Grouper	2.29	2.06	.	2.16	.	2.75	2.09	2.03	2.02	1.85	2.16
Snowy Grouper	2.17	2.19	2.12	2.02	2.07	2.08	2.07	2.08	2.23	2.10	2.11
Lane Snapper	2.12	2.09	1.98	1.85	1.81	1.85	1.98	2.20	2.23	2.24	2.04
Yellowtail Snapper	1.94	2.38	1.59	1.93	1.93	1.94	1.70	2.29	2.07	2.32	2.01
Marbled Grouper	2.06	1.96	1.98	2.00	1.94	1.98	2.00	1.96	2.05	1.89	1.98
Vermilion Snapper	2.13	2.13	1.97	1.94	1.90	1.93	2.03	1.95	1.97	1.84	1.98
Nassau Grouper	1.95	.	.	.	.	.	.	.	.	.	1.95
Speckled Hind	1.90	1.82	1.94	1.99	1.88	1.89	2.06	1.78	2.33	1.85	1.94
Red Grouper	2.09	1.98	1.96	2.04	1.91	1.89	1.89	1.87	1.80	1.84	1.93
Warsaw Grouper	1.96	2.04	1.95	1.96	1.91	1.92	1.94	1.73	1.85	1.68	1.89

Table F.4 Average Real Dockside Prices of Non-Menhaden Saltwater Finfish by Species, 2000 – 2009 (Continued)

Species	Average Real Dockside Prices of Non-Menhaden Saltwater Finfish (in 2005 Dollar)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Spotted Seatrout	1.90	2.16	2.02	2.08	1.99	1.95	1.89	1.73	1.79	1.32	1.88
Blackfin Snapper	1.97	2.13	2.05	1.81	1.78	1.88	1.95	1.81	1.76	1.66	1.88
Cobia	1.90	1.84	1.87	1.87	1.82	1.81	1.68	1.81	1.85	1.96	1.84
Swordfish	2.21	2.19	2.10	1.84	2.04	1.79	1.64	1.57	1.46	1.42	1.83
Dog Snapper	.	1.83	1.47	.	1.79	1.96	.	.	2.20	1.64	1.82
Silk Snapper	1.98	1.84	1.81	1.88	1.86	1.85	1.69	1.76	1.79	1.62	1.81
Red Hind	2.05	1.98	1.91	1.71	1.63	1.70	1.68	1.74	1.77	1.85	1.80
Mutton Snapper	2.05	2.44	1.35	1.68	1.81	1.35	1.75	.	.	.	1.78
Queen Snapper	1.83	1.89	1.69	1.62	1.97	1.48	1.27	1.80	1.86	1.85	1.73
Rock Hind	1.52	1.63	1.84	1.90	1.51	1.68	1.81	1.72	1.71	.	1.70
Gray Snapper	1.77	1.76	1.80	1.82	1.84	1.68	1.63	1.52	1.58	1.42	1.68
Mahogany Snapper	1.77	1.49	1.22	1.83	.	.	.	1.70	1.60	1.60	1.60
Cubera Snapper	1.35	1.24	1.92	1.76	1.71	1.98	1.42	1.56	1.76	1.23	1.59
Black Snapper	1.84	1.74	1.71	1.56	1.56	1.51	1.35	1.34	1.50	1.39	1.55
Black Driftfish	1.49	1.71	1.64	1.44	1.50	1.37	1.36	1.26	1.20	1.27	1.42
Flounder	1.51	1.31	1.31	1.34	1.37	1.48	1.42	1.31	1.34	1.40	1.38
Pomfrets	.	1.32	.	.	.	.	.	.	.	.	1.32
Opah	1.07	1.20	1.31	1.53	1.16	1.20	0.93	1.38	1.76	1.31	1.29
King Mackerel	1.19	1.34	1.32	1.11	1.25	1.41	1.14	1.41	1.46	1.10	1.27
Scorpionfish	1.28	1.30	1.10	1.28	1.20	1.20	.	.	.	.	1.23
Longsnout Scorpionfish	1.44	.	.	1.28	1.24	0.84	.	.	.	.	1.20
Skipjack Tuna	0.42	0.41	.	4.60	0.31	0.20	.	.	.	.	1.19
Ocean Triggerfish	.	1.58	.	.	1.14	0.75	1.20	.	.	.	1.17

Table F.4 Average Real Dockside Prices of Non-Menhaden Saltwater Finfish by Species, 2000 – 2009 (Continued)

Species	Average Real Dockside Prices of Non-Menhaden Saltwater Finfish (in 2005 Dollar)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Blackline Tilefish	.	.	0.97	.	.	.	.	.	.	1.36	1.17
Goldface Tilefish	0.96	1.14	1.09	1.22	1.19	1.14	1.22	1.18	1.25	1.16	1.16
Bulleye	1.19	.	1.05	.	.	.	.	.	.	.	1.12
Soapfish	1.62	1.29	.	0.45	.	.	.	.	.	.	1.12
Lemon Shark	.	1.44	1.38	1.26	.	.	.	.	.	0.25	1.08
Gray Triggerfish	1.21	1.18	1.15	1.15	1.10	1.10	1.01	0.97	0.95	0.99	1.08
Crimson Rover	1.08	.	.	.	.	.	.	.	.	.	1.08
Greater Amberjack	1.30	1.15	1.11	0.99	0.94	0.98	1.02	1.05	1.14	1.05	1.07
Parrotfish	1.42	1.07	1.07	1.02	0.99	1.11	0.93	0.91	0.88	.	1.04
Spiny Cheek Scorpionfish	1.23	1.14	1.13	1.05	1.02	0.98	0.97	0.99	0.93	0.93	1.04
Lesser Amberjack	1.22	1.16	1.08	1.00	0.93	1.02	1.03	0.96	1.07	0.85	1.03
Queen Triggerfish	1.12	1.25	1.21	0.43	1.13	0.92	1.07	.	.	.	1.02
Spotted Scorpionfish	0.95	1.19	1.05	1.28	.	0.96	0.93	.	0.88	0.87	1.01
Red Porgy	1.18	1.18	1.20	1.08	0.98	1.00	0.85	0.85	0.88	0.87	1.01
Longtail Bass	1.10	1.04	1.04	1.02	0.99	0.99	0.93	0.94	1.00	0.97	1.00
Wahoo	1.19	1.15	1.02	1.05	1.01	1.01	0.90	0.88	0.90	0.83	0.99
Tilefish	1.43	1.36	1.41	0.82	0.77	0.79	0.81	0.86	0.82	0.81	0.99
African Pompano	0.57	0.32	0.68	0.51	0.86	.	.	3.30	.	0.66	0.99
Bearded Brotula	0.85	0.83	0.95	0.97	0.80	0.80	0.86	0.93	1.64	.	0.96
Dolphin	1.15	1.04	0.93	1.02	0.98	1.00	0.91	0.87	0.83	0.84	0.96
White Trout	1.06	1.03	1.05	1.11	0.97	0.93	0.89	0.84	0.86	0.80	0.95
Wenchman	0.82	1.03	0.85	0.90	0.89	0.69	1.75	0.05	1.45	.	0.94
Jolthead Porgy	1.61	0.92	0.13	1.02	1.06	0.96	1.05	0.73	.	.	0.94
Hake	1.06	1.05	1.01	0.93	0.95	0.90	0.89	0.83	0.83	0.84	0.93

Table F.4 Average Real Dockside Prices of Non-Menhaden Saltwater Finfish by Species, 2000 – 2009 (Continued)

Species	Average Real Dockside Prices of Non-Menhaden Saltwater Finfish (in 2005 Dollar)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Bigeye Unclassified	1.33	1.29	1.11	0.51	0.52	0.51	0.47	0.77	1.54	.	0.89
Blue Shark	0.69	0.46	.	2.73	.	.	.	.	0.31	0.26	0.89
Knobbed Porgy	1.08	0.85	1.08	1.02	0.36	0.30	1.12	0.91	1.05	1.07	0.88
Almaco Jack	1.00	0.99	0.89	0.71	0.68	0.76	0.90	0.89	0.91	0.85	0.86
Longfin Mako	0.92	0.84	0.81	0.83	.	.	.	.	.	.	0.85
Tripletail	0.85	0.82	0.82	0.80	0.83	0.87	0.91	0.83	0.81	0.80	0.83
Whitebone Porgy	1.23	0.94	0.90	0.62	0.61	0.56	0.51	0.51	1.25	1.13	0.83
Oilfish	1.05	0.96	0.70	0.67	0.69	0.64	0.66	0.87	0.92	0.99	0.82
Moonfish	0.79	.	.	.	.	.	.	.	.	.	0.79
Bar Jack	0.99	0.93	0.88	0.83	0.67	0.67	0.66	0.70	0.83	0.71	0.79
Moray Eel	.	.	.	.	.	.	0.78	.	.	.	0.78
Bigeye	1.05	0.92	0.90	0.71	0.71	0.56	0.51	0.61	0.99	0.82	0.78
Creole Fish	1.01	0.86	0.74	0.61	0.59	0.61	0.55	0.64	1.34	.	0.77
Conger Eel	0.58	.	.	0.96	.	.	.	.	.	.	0.77
Shortfin Mako	0.93	0.89	0.78	0.72	0.72	0.71	0.71	0.71	0.69	0.67	0.75
Rudderfish	0.38	0.98	.	0.66	0.46	0.58	.	.	.	1.32	0.73
Blueline Tilefish	0.98	0.59	.	.	0.46	.	.	.	0.67	0.91	0.72
Escolar	0.93	0.87	0.71	0.69	0.62	0.60	0.64	0.66	0.66	0.64	0.70
Rainbow Runner	0.66	0.60	0.66	0.61	0.57	0.51	0.51	0.73	1.38	.	0.69
Spanish Mackerel	0.68	0.73	0.69	0.59	0.67	0.63	1.20	0.58	0.52	0.58	0.69
Black Drum	0.74	0.61	0.60	0.60	0.63	0.72	0.69	0.72	0.73	0.69	0.67
Sand Tilefish	0.76	.	.	0.59	0.53	0.89	0.43	.	0.82	.	0.67
Banded Rudderfish	1.08	0.53	0.61	0.41	0.74	0.19	.	1.27	0.52	.	0.67
Mullet - Red Roe	0.89	0.70	0.83	0.74	0.68	0.81	0.65	0.46	0.47	0.43	0.67

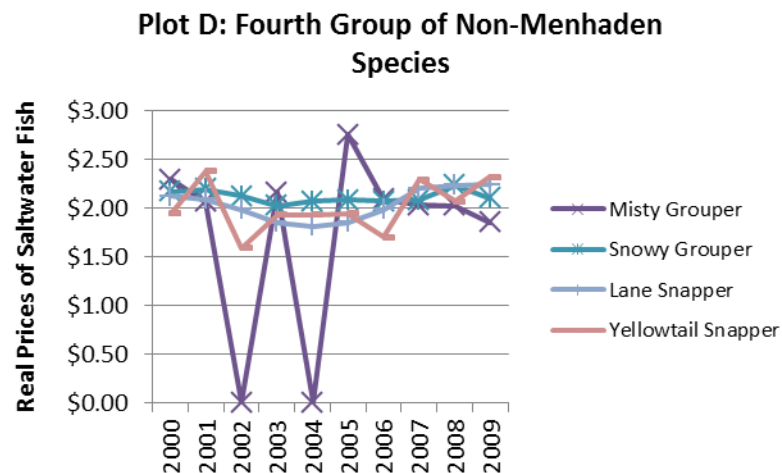
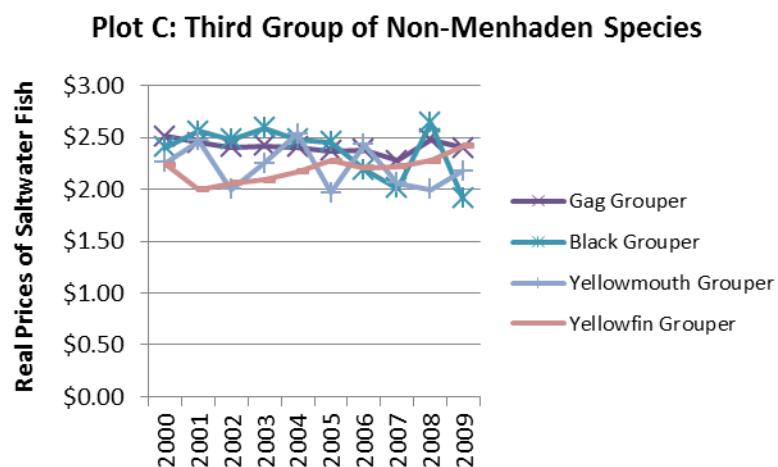
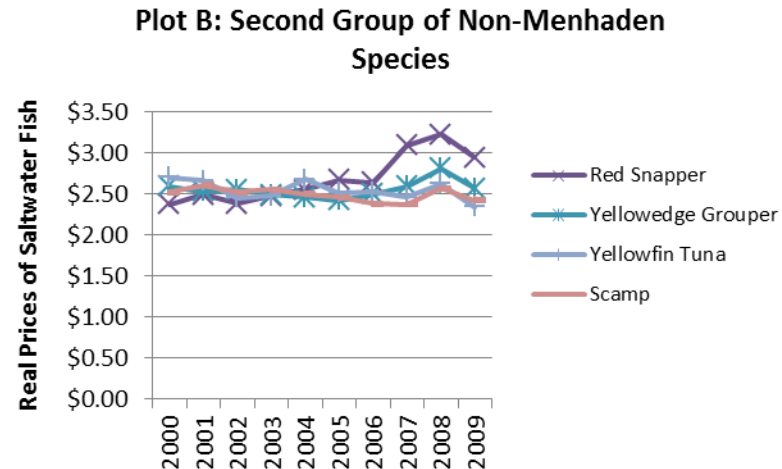
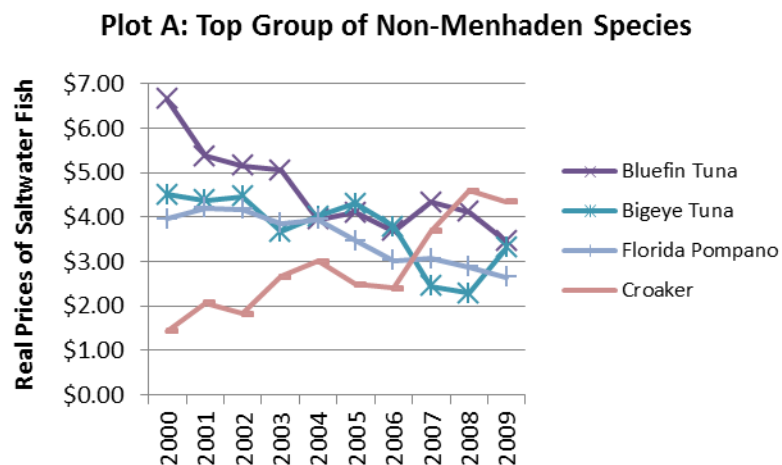
Table F.4 Average Real Dockside Prices of Non-Menhaden Saltwater Finfish by Species, 2000 – 2009 (Continued)

Species	Average Real Dockside Prices of Non-Menhaden Saltwater Finfish (in 2005 Dollar)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Black Seabass	.	.	.	0.92	0.50	0.48	.	.	.	.	0.63
Spanish Flag	0.70	.	.	0.51	.	.	.	.	.	.	0.61
Barracuda	0.87	0.56	0.67	0.51	0.60	0.53	0.58	0.24	0.77	0.61	0.59
Squirrelfish	0.57	0.48	0.48	0.48	0.46	0.44	1.18	0.41	0.80	.	0.59
Black Jack	0.77	0.77	0.44	0.39	0.39	.	0.49	.	.	.	0.54
Chubs	1.09	0.38	1.02	0.22	0.30	0.19	.	.	.	.	0.53
Spot	0.35	.	.	0.52	0.54	0.60	0.30	0.57	0.55	0.54	0.50
Blue Runner	0.50	0.46	0.41	0.42	0.37	0.43	0.52	0.73	0.44	0.59	0.49
Pinfish	0.71	.	.	.	0.26	.	.	.	.	.	0.49
Horse-Eye Jack	1.20	0.26	0.34	0.31	0.37	0.31	0.42	.	.	0.66	0.48
Albacore Tuna	0.69	0.47	0.58	0.51	0.48	0.36	0.37	0.40	0.32	0.45	0.46
Sandbar Shark	0.00	0.37	1.28	.	0.25	.	.	.	0.40	.	0.46
Grunts	0.61	0.63	0.48	0.33	0.38	0.29	.	.	.	.	0.45
Thresher Sharks	.	.	0.45	.	.	.	.	.	.	.	0.45
Jack Cravelle	.	0.30	0.61	0.43	0.41	.	0.49	0.38	0.36	0.55	0.44
Puffers	.	.	0.43	.	.	.	.	.	.	.	0.43
Gafftopsail Catfish	0.23	0.16	0.19	0.54	0.92	.	.	.	.	.	0.41
Finetooth Shark	0.40	.	.	.	.	.	.	.	0.55	0.23	0.39
Spadefish	0.37	0.28	0.41	0.41	0.39	0.46	0.44	0.40	0.38	0.39	0.39
Blacknose Shark	.	.	.	.	.	.	.	.	0.38	.	0.38
Bluefish	0.50	0.35	0.25	0.29	0.36	0.38	0.32	0.32	0.54	0.48	0.38
Angelfish	0.46	.	.	0.43	0.24	.	.	.	.	.	0.38
Sharks Unclassified	0.44	0.27	0.40	0.35	0.41	0.36	.	.	.	.	0.37
Little Tunny	0.44	0.37	0.36	0.37	0.36	0.33	0.36	0.36	0.36	0.39	0.37

Table F.4 Average Real Dockside Prices of Non-Menhaden Saltwater Finfish by Species, 2000 – 2009 (Continued)

Species	Average Real Dockside Prices of Non-Menhaden Saltwater Finfish (in 2005 Dollar)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Blackfin Tuna	0.43	0.40	0.39	0.37	0.39	0.38	0.33	0.33	0.28	0.34	0.36
Whiting	0.38	0.35	0.34	0.33	0.40	0.36	0.40	0.38	0.35	0.34	0.36
Dusky Shark	.	.	0.36	.	.	.	.	.	.	.	0.36
Tiger Shark	.	0.27	0.54	.	.	.	.	.	0.33	0.23	0.34
Atlantic Bonito	0.33	0.39	.	.	.	.	.	0.35	0.32	0.28	0.33
Hardhead Catfish	.	.	.	.	.	0.70	.	0.00	.	0.27	0.32
Porbeagle Shark	.	.	0.23	0.41	.	.	.	.	.	.	0.32
Night Shark	.	.	.	0.31	.	.	.	.	.	.	0.31
Sheepshead	0.33	0.28	0.26	0.28	0.29	0.28	0.31	0.27	0.29	0.31	0.29
Bull Shark	.	0.33	0.43	0.18	0.15	0.29	0.26	0.27	0.37	0.26	0.28
Hammerhead Shark	.	.	.	.	.	.	.	.	0.30	0.24	0.27
Blacktip Shark	0.36	0.30	0.25	0.16	0.17	0.25	0.27	0.26	0.36	0.25	0.26
Striped Mullet	0.30	0.28	0.06	0.25	0.29	0.31	0.15	0.33	0.40	0.25	0.26
Stingrays Unclassified	.	0.18	0.22	0.17	0.21	0.37	.	0.22	.	0.27	0.23
Butterfish	.	.	.	.	.	.	.	0.17	.	.	0.17
Small Coastal Sharks Uncl.	.	.	.	.	0.15	.	.	.	.	.	0.15
Spinner Shark	.	.	.	0.00	.	.	0.07	0.00	0.37	0.26	0.14
Dogfish Unclassified	0.00	.	.	.	0.22	.	.	.	.	.	0.11
Jellyfish	.	.	.	0.09	.	.	.	.	.	.	0.09
Mullet - White Roe	0.10	0.07	0.08	0.06	0.06	0.05	0.05	0.16	0.05	0.10	0.08
Unknown Species	0.98	0.70	0.66	0.58	0.45	0.23	0.56	0.28	0.60	0.43	0.55
Total	1.21	1.11	1.15	1.11	1.09	1.18	1.17	1.07	1.04	1.01	1.11

Note: The dots indicate that no landings or sales were reported. The average column disregarded the dots.



Source: Appendix Table F.4.

Figure F.1 Average Real Dockside Prices of Non-Menhaden Saltwater Finfish by Species, 2000 – 2009

Table F.5 Nominal Dockside Values of Non-Menhaden Saltwater Finfish by Species, 2000 – 2009

Species	Nominal Dockside Values of Non-Menhaden Saltwater Finfish (in \$)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Yellowfin Tuna	11,365,982	7,636,586	10,344,946	8,967,197	10,274,962	7,193,610	6,741,786	7,870,137	4,190,303	6,041,008	8,062,652
Red Snapper	5,813,620	5,406,644	4,673,717	3,960,263	3,861,270	3,564,779	4,470,967	2,528,667	2,058,637	2,185,310	3,852,387
Mullet - Red Roe	5,093,228	2,336,703	1,648,855	2,533,354	2,619,047	932,282	2,036,004	669,331	726,187	33,840	1,862,883
Black Drum	1,709,587	1,586,598	1,616,962	1,938,011	2,241,759	1,743,335	1,373,373	1,786,537	1,857,933	2,407,212	1,826,131
King Mackerel	1,016,165	995,830	1,045,853	990,111	1,195,469	1,274,088	1,112,240	1,297,492	1,394,131	1,178,135	1,149,951
Vermilion Snapper	929,461	1,111,418	1,306,989	1,895,798	1,663,373	1,132,841	762,259	990,734	865,349	805,542	1,146,376
Swordfish	1,452,310	992,557	1,463,326	1,169,920	1,098,038	1,142,959	903,409	1,073,406	899,530	1,199,362	1,139,482
Sheepshead	603,799	433,578	325,215	412,986	351,674	236,549	195,146	271,723	342,981	427,151	360,080
Bluefin Tuna	452,350	187,013	303,775	391,868	545,285	379,920	123,138	307,274	227,484	141,709	305,982
Yellowedge Grouper	417,135	195,290	376,126	254,908	282,100	256,402	293,534	222,685	295,690	303,663	289,753
Blacktip Shark	401,348	295,235	182,140	199,005	159,662	107,241	140,622	335,973	152,029	127,839	210,109
Greater Amberjack	233,209	207,754	264,981	267,501	319,502	147,107	123,089	106,781	101,042	152,853	192,382
Florida Pompano	192,057	252,490	247,034	258,368	241,369	48,188	91,026	186,300	58,092	199,321	177,425
Scamp	134,734	87,598	133,017	138,620	150,560	124,719	86,890	131,275	127,806	96,403	121,162
Bigeye Tuna	169,989	54,940	174,725	102,044	71,587	116,184	186,039	143,833	41,051	122,747	118,314
Warsaw Grouper	124,679	114,260	195,159	179,676	120,720	105,276	121,593	57,955	56,711	60,915	113,694
Flounder	222,675	92,422	80,120	68,397	82,165	29,934	112,431	109,691	111,639	197,614	110,709
Wahoo	116,326	84,078	83,001	83,739	100,998	81,842	85,203	69,420	52,118	74,692	83,142
Escolar	115,827	58,021	75,490	98,057	87,887	46,310	57,849	82,692	50,983	73,507	74,662
Dolphin	82,805	93,036	72,425	64,734	115,366	29,500	33,250	85,890	40,057	61,514	67,858
Gray Snapper	30,188	42,995	64,437	79,113	100,253	88,625	61,745	40,388	50,117	57,695	61,556
Gag Grouper	76,954	45,448	65,775	48,872	57,142	61,131	45,220	66,297	57,178	54,232	57,825

Table F.5 Nominal Dockside Values of Non-Menhaden Saltwater Finfish by Species, 2000 – 2009 (Continued)

Species	Nominal Dockside Values of Non-Menhaden Saltwater Finfish (in \$)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Butterfish	.	.	.	.	.	.	.	57,507	.	.	57,507
Spotted Seatrout	68,727	217,772	132,905	37,900	38,753	33,429	4,068	15,706	15,404	1,379	56,604
Jellyfish	.	.	.	50,557	.	.	.	.	.	.	50,557
Goldface Tilefish	9,275	59,454	32,193	54,586	119,290	51,856	41,311	27,543	48,327	36,628	48,046
Blue Runner	32,637	29,905	60,775	81,184	108,822	64,729	8,729	30,047	8,015	12,892	43,774
Gray Triggerfish	84,195	57,178	78,245	67,390	51,943	25,863	17,326	18,305	10,248	9,017	41,971
Cobia	78,816	50,477	53,961	41,288	34,877	27,790	22,300	18,556	22,816	33,861	38,474
Mullet - White Roe	151,374	35,677	27,901	52,567	51,951	7,300	21,806	7,089	6,127	796	36,259
Snowy Grouper	27,176	16,769	38,910	31,658	29,169	37,918	35,484	41,032	52,136	33,374	34,363
Lane Snapper	35,407	24,909	41,022	51,685	58,244	42,416	33,952	11,598	5,140	4,934	30,931
Croaker	11,749	16,833	15,672	24,039	18,301	19,289	30,745	54,717	39,276	62,977	29,360
Tilefish	74,581	56,565	70,439	13,214	2,027	8,998	448	9,798	13,977	795	25,084
Lesser Amberjack	15,343	12,990	53,171	43,701	31,214	25,401	7,003	7,423	9,592	1,062	20,690
White Trout	58,803	24,689	31,440	25,446	15,030	9,773	16,024	10,375	6,502	6,217	20,430
Oilfish	52,876	41,672	29,938	19,363	23,857	11,083	4,282	7,031	953	3,214	19,427
Black Snapper	81,574	44,641	37,092	3,430	11,705	4,268	5,089	558	664	103	18,912
Black Grouper	40,496	36,496	28,875	26,960	27,947	16,993	2,282	551	1,659	1,806	18,407
Whiting	41,759	28,889	17,783	14,055	44,801	12,118	3,872	4,227	3,915	3,145	17,456
Bar Jack	9,914	12,348	23,362	18,443	19,906	9,955	8,385	20,655	29,113	18,779	17,086
Almaco Jack	25,079	36,402	24,709	12,539	12,717	8,628	7,211	12,671	7,632	12,173	15,976
Striped Mullet	18,923	22,216	3,663	5,648	9,486	6,394	4,854	9,590	14,394	39,326	13,449
Black Driftfish	21,298	17,547	16,211	12,462	34,512	6,964	4,557	11,052	6,263	2,530	13,340
Red Porgy	11,270	7,994	12,158	15,359	10,720	10,589	10,344	18,602	15,704	13,597	12,634

Table F.5 Nominal Dockside Values of Non-Menhaden Saltwater Finfish by Species, 2000 – 2009 (Continued)

Species	Nominal Dockside Values of Non-Menhaden Saltwater Finfish (in \$)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Silk Snapper	24,071	13,900	17,978	11,768	12,933	8,161	5,738	4,853	7,282	5,572	11,226
Bull Shark	.	49	31	1,667	1,522	3,770	7,239	27,541	30,342	25,922	10,898
Spinner Shark	.	.	.	.	.	.	599	.	44,705	4,725	10,006
Queen Snapper	12,175	24,515	10,666	4,938	5,312	7,111	239	4,286	17,743	8,788	9,577
Albacore Tuna	8,693	2,411	8,345	4,035	9,908	4,594	3,959	11,379	3,377	28,885	8,559
Marbled Grouper	3,691	4,248	4,629	5,610	7,628	6,912	2,689	11,683	16,493	11,273	7,486
Yellowfin Grouper	12,902	2,927	14,907	6,224	6,637	7,735	608	7,936	5,120	4,691	6,969
Shortfin Mako	8,485	8,630	5,450	6,976	7,815	10,119	3,717	6,031	2,631	6,480	6,633
Spanish Mackerel	4,775	5,894	5,589	5,028	6,051	1,711	6,551	4,422	5,727	6,562	5,231
Hake	12,832	3,652	6,648	3,201	4,459	6,136	3,560	1,914	5,247	2,047	4,970
Little Tunny	8,072	3,795	10,696	6,605	4,385	2,021	4,047	2,981	3,049	2,930	4,858
Spadefish	11,366	303	4,890	4,537	6,161	6,994	205	1,190	2,416	3,685	4,175
Blackfin Tuna	10,150	7,722	7,364	4,509	2,809	2,078	1,307	1,073	472	277	3,776
Longfin Mako	4,418	4,231	2,070	1,610	.	.	.	.	.	.	3,082
Tripletail	1,773	1,932	2,280	1,413	1,800	117	3,686	985	324	4,938	1,925
Red Grouper	262	2,337	3,673	1,543	4,119	1,984	220	840	462	378	1,582
Red Hind	1,405	2,391	1,778	2,096	3,219	1,355	609	622	516	1,286	1,528
Grunts	582	674	5,961	479	154	50	.	.	.	.	1,317
Blackfin Snapper	137	276	1,621	1,757	2,005	797	366	1,306	3,181	1,375	1,282
Sandbar Shark	0	10	4,555	.	1,684	.	.	.	115	.	1,273
Speckled Hind	869	834	1,599	1,882	1,673	1,623	468	1,120	1,332	898	1,230
Creole Fish	3,565	756	679	3,495	1,748	422	33	153	141	.	1,221
Dog Snapper	.	176	137	.	5,899	696	.	.	164	103	1,196
Whitebone Porgy	1,720	1,476	2,091	1,656	1,653	973	288	260	226	392	1,074

Table F.5 Nominal Dockside Values of Non-Menhaden Saltwater Finfish by Species, 2000 – 2009 (Continued)

Species	Nominal Dockside Values of Non-Menhaden Saltwater Finfish (in \$)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Barracuda	315	382	507	3,021	3,092	731	62	63	1,760	340	1,027
Yellowmouth Grouper	269	238	1,660	637	1,192	1,140	18	1,890	1,975	1,215	1,023
Blue Shark	512	33	.	2,828	.	.	.	.	974	742	1,018
Unknown Species	3,065	535	776	1,171	434	87	42	91	11	3	622
Other	12,664	17,790	10,117	16,039	12,414	5,852	4,595	3,784	4,925	5,104	9,328
Total Non-Menhaden	31,854,468	23,274,034	25,711,190	24,910,741	26,612,166	19,367,745	19,497,730	18,925,517	14,235,615	16,429,480	22,081,869

Note: “Other” includes several non-menhaden saltwater finfish species with ten-year average nominal values below \$1,000. The dots indicate that no values were reported.

Table F.6 Real Dockside Values of Non-Menhaden Saltwater Finfish by Species, 2000 – 2009

Species	Real Dockside Values of Non-Menhaden Saltwater Finfish (in 2005 Dollar)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Yellowfin Tuna	12,770,766	8,391,853	11,244,506	9,539,571	10,592,745	7,193,610	6,545,423	7,424,657	3,844,314	5,491,825	8,303,927
Red Snapper	6,532,157	5,941,367	5,080,127	4,213,046	3,980,690	3,564,779	4,340,745	2,385,535	1,888,658	1,986,646	3,991,375
Mullet - Red Roe	5,722,728	2,567,805	1,792,233	2,695,057	2,700,049	932,282	1,976,703	631,444	666,226	30,764	1,971,529
Black Drum	1,920,884	1,743,514	1,757,567	2,061,714	2,311,092	1,743,335	1,333,372	1,685,412	1,704,526	2,188,375	1,844,979
Vermilion Snapper	1,044,339	1,221,338	1,420,640	2,016,807	1,714,817	1,132,841	740,058	934,654	793,898	732,311	1,175,170
Swordfish	1,631,809	1,090,722	1,590,572	1,244,596	1,131,998	1,142,959	877,096	1,012,647	825,257	1,090,329	1,163,799
King Mackerel	1,141,759	1,094,318	1,136,797	1,053,310	1,232,442	1,274,088	1,079,844	1,224,049	1,279,019	1,071,032	1,158,666
Sheepshead	678,425	476,459	353,494	439,347	362,551	236,549	189,462	256,343	314,661	388,319	369,561
Bluefin Tuna	508,259	205,509	330,190	416,881	562,150	379,920	119,551	289,881	208,701	128,826	314,987
Yellowedge Grouper	468,691	214,604	408,833	271,178	290,825	256,402	284,984	210,080	271,275	276,057	295,293
Blacktip Shark	450,953	324,435	197,978	211,707	164,600	107,241	136,526	316,956	139,476	116,217	216,609
Greater Amberjack	262,033	228,301	288,023	284,576	329,384	147,107	119,504	100,737	92,699	138,957	199,132
Florida Pompano	215,795	277,462	268,515	274,859	248,834	48,188	88,375	175,755	53,295	181,201	183,228
Scamp	151,386	96,261	144,584	147,469	155,217	124,719	84,359	123,844	117,253	87,639	123,273
Bigeye Tuna	190,998	60,373	189,918	108,558	73,801	116,184	180,621	135,692	37,661	111,588	120,539
Warsaw Grouper	140,088	125,561	212,129	191,144	124,453	105,276	118,052	54,674	52,029	55,377	117,878
Flounder	250,197	101,563	87,087	72,763	84,706	29,934	109,156	103,482	102,421	179,649	112,096
Wahoo	130,703	92,394	90,218	89,084	104,122	81,842	82,722	65,490	47,814	67,902	85,229
Escolar	130,143	63,759	82,054	104,316	90,605	46,310	56,164	78,011	46,774	66,825	76,496
Dolphin	93,040	102,237	78,723	68,866	118,934	29,500	32,281	81,028	36,749	55,922	69,728
Gray Snapper	33,919	47,247	70,040	84,163	103,353	88,625	59,946	38,102	45,979	52,450	62,382
Spotted Seatrout	77,221	239,310	144,462	40,319	39,951	33,429	3,950	14,817	14,132	1,254	60,885

Table F.6 Real Dockside Values of Non-Menhaden Saltwater Finfish by Species, 2000 – 2009 (Continued)

Species	Real Dockside Values of Non-Menhaden Saltwater Finfish (in 2005 Dollar)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Gag Grouper	86,465	49,943	71,495	51,992	58,910	61,131	43,903	62,544	52,457	49,301	58,814
Butterfish	.	.	.	.	.	.	.	54,252	.	.	54,252
Jellyfish	.	.	.	53,784	.	.	.	.	.	.	53,784
Goldface Tilefish	10,421	65,335	34,993	58,070	122,979	51,856	40,107	25,984	44,336	33,299	48,738
Blue Runner	36,670	32,863	66,059	86,366	112,188	64,729	8,475	28,346	7,353	11,720	45,477
Gray Triggerfish	94,601	62,833	85,049	71,692	53,550	25,863	16,822	17,269	9,402	8,197	44,528
Cobia	88,558	55,469	58,653	43,923	35,955	27,790	21,650	17,506	20,932	30,783	40,122
Mullet - White Roe	170,083	39,206	30,327	55,923	53,557	7,300	21,171	6,687	5,621	724	39,060
Snowy Grouper	30,534	18,428	42,293	33,679	30,071	37,918	34,451	38,709	47,831	30,340	34,425
Lane Snapper	39,784	27,373	44,589	54,984	60,046	42,416	32,963	10,942	4,715	4,485	32,230
Croaker	13,201	18,498	17,035	25,573	18,867	19,289	29,850	51,620	36,033	57,252	28,722
Tilefish	83,799	62,159	76,564	14,057	2,090	8,998	434	9,243	12,823	723	27,089
Lesser Amberjack	17,239	14,274	57,795	46,490	32,180	25,401	6,799	7,002	8,800	965	21,695
White Trout	66,070	27,130	34,173	27,070	15,495	9,773	15,557	9,788	5,966	5,652	21,667
Oilfish	59,411	45,794	32,541	20,598	24,595	11,083	4,157	6,633	874	2,922	20,861
Black Snapper	91,656	49,056	40,318	3,649	12,067	4,268	4,940	526	609	93	20,718
Black Grouper	45,501	40,106	31,386	28,680	28,812	16,993	2,215	520	1,522	1,642	19,738
Whiting	46,920	31,746	19,330	14,952	46,186	12,118	3,759	3,988	3,592	2,859	18,545
Bar Jack	11,139	13,569	25,393	19,620	20,522	9,955	8,141	19,486	26,709	17,072	17,161
Almaco Jack	28,179	40,002	26,858	13,339	13,111	8,628	7,001	11,953	7,002	11,066	16,714
Black Driftfish	23,930	19,283	17,621	13,258	35,580	6,964	4,424	10,427	5,746	2,300	13,953
Striped Mullet	21,262	24,413	3,981	6,008	9,779	6,394	4,713	9,047	13,206	35,751	13,455
Red Porgy	12,663	8,784	13,215	16,339	11,051	10,589	10,043	17,549	14,407	12,361	12,700

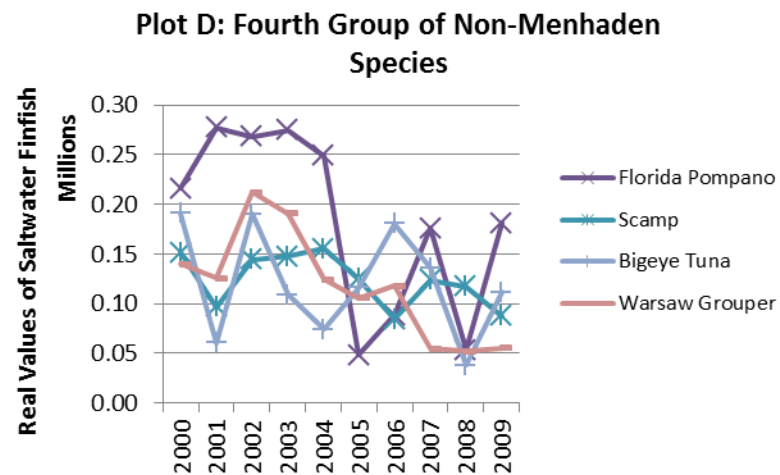
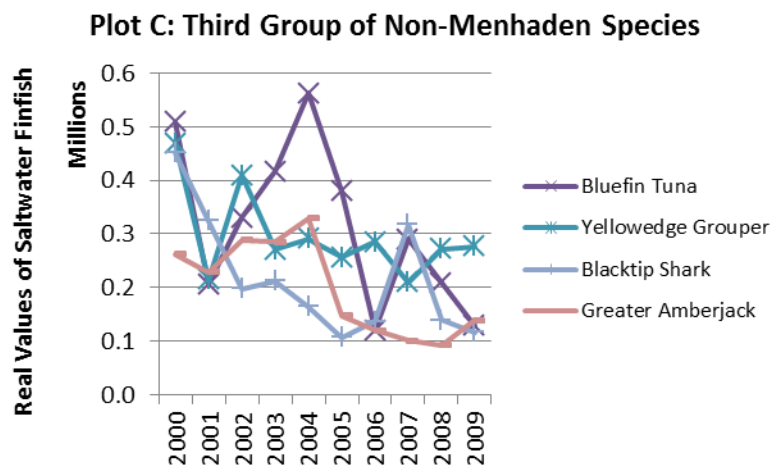
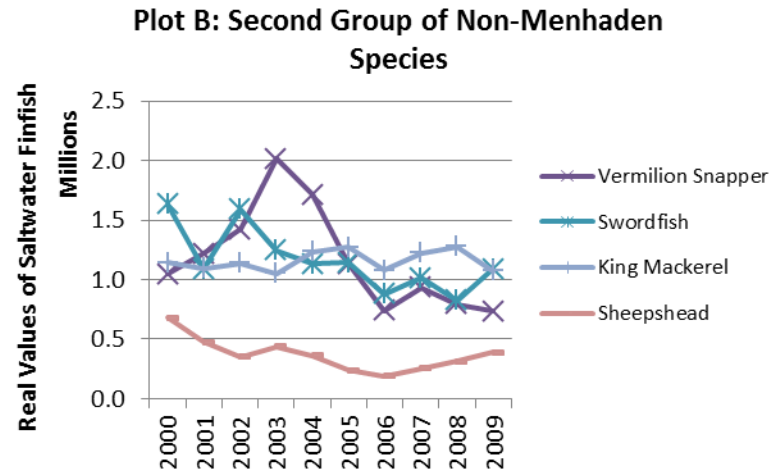
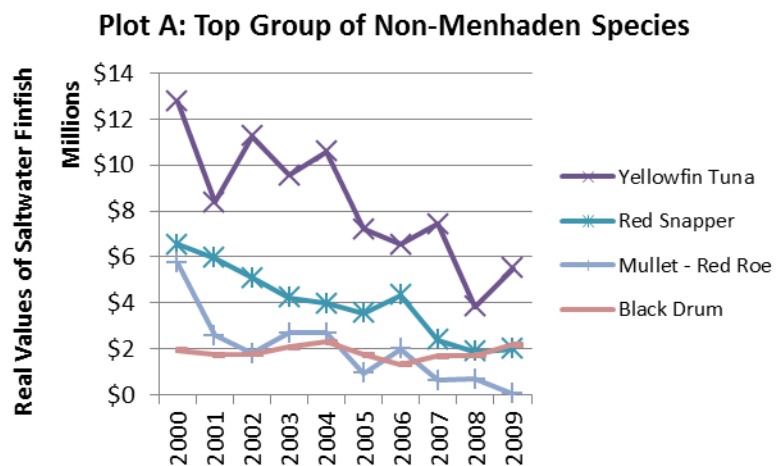
Table F.6 Real Dockside Values of Non-Menhaden Saltwater Finfish by Species, 2000 – 2009 (Continued)

Species	Real Dockside Values of Non-Menhaden Saltwater Finfish (in 2005 Dollar)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Silk Snapper	27,046	15,275	19,541	12,519	13,333	8,161	5,571	4,578	6,681	5,066	11,777
Bull Shark	.	54	33	1,773	1,569	3,770	7,028	25,982	27,837	23,565	10,179
Queen Snapper	13,680	26,940	11,594	5,253	5,476	7,111	232	4,043	16,278	7,989	9,860
Spinner Shark	.	.	.	0	.	.	582	0	41,013	4,296	9,178
Albacore Tuna	9,768	2,649	9,071	4,293	10,215	4,594	3,844	10,735	3,098	26,259	8,453
Marbled Grouper	4,148	4,668	5,032	5,968	7,864	6,912	2,611	11,022	15,131	10,248	7,360
Yellowfin Grouper	14,496	3,216	16,204	6,622	6,842	7,735	590	7,487	4,698	4,265	7,216
Shortfin Mako	9,533	9,483	5,924	7,422	8,056	10,119	3,609	5,690	2,414	5,891	6,814
Spanish Mackerel	5,366	6,477	6,075	5,349	6,238	1,711	6,360	4,172	5,254	5,965	5,297
Hake	14,418	4,013	7,226	3,405	4,597	6,136	3,457	1,806	4,814	1,860	5,173
Little Tunny	9,070	4,171	11,626	7,026	4,520	2,021	3,929	2,812	2,797	2,664	5,064
Spadefish	12,771	333	5,315	4,827	6,351	6,994	199	1,123	2,216	3,350	4,348
Blackfin Tuna	11,404	8,486	8,005	4,797	2,896	2,078	1,269	1,012	433	251	4,063
Longfin Mako	4,964	4,650	2,249	1,712	.	.	.	.	.	.	3,394
Tripletail	1,993	2,123	2,478	1,503	1,856	117	3,579	930	297	4,489	1,937
Red Grouper	294	2,568	3,993	1,641	4,246	1,984	214	792	424	344	1,650
Red Hind	1,579	2,627	1,933	2,230	3,318	1,355	591	587	474	1,169	1,586
Grunts	654	740	6,479	509	159	50	.	.	.	.	1,432
Sandbar Shark	0	11	4,951	.	1,736	.	.	.	105	.	1,361
Creole Fish	4,006	830	738	3,718	1,802	422	32	144	129	.	1,313
Blackfin Snapper	154	303	1,761	1,870	2,067	797	355	1,232	2,918	1,250	1,271
Speckled Hind	976	916	1,738	2,002	1,724	1,623	455	1,057	1,222	816	1,253
Dog Snapper	.	193	149	.	6,082	696	.	.	150	93	1,227
Whitebone Porgy	1,933	1,622	2,273	1,762	1,704	973	280	245	207	357	1,136

Table F.6 Real Dockside Values of Non-Menhaden Saltwater Finfish by Species, 2000 – 2009 (Continued)

Species	Real Dockside Values of Non-Menhaden Saltwater Finfish (in 2005 Dollar)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Barracuda	354	420	551	3,214	3,188	731	60	60	1,615	309	1,050
Blue Shark	575	36	.	3,008	.	.	.	.	894	675	1,038
Yellowmouth Grouper	302	262	1,805	678	1,228	1,140	17	1,783	1,812	1,104	1,013
Unknown Species	3,444	588	844	1,245	447	87	41	86	10	3	680
Other	14,229	19,548	10,996	17,058	12,791	5,852	4,459	3,569	4,514	4,634	9,765
Total Non-Menhaden	35,791,536	25,575,858	27,946,942	26,500,781	27,435,215	19,367,745	18,929,833	17,854,258	13,060,188	14,935,884	22,739,824

Note: “Other” includes several non-menhaden saltwater finfish species with ten-year average real values below \$1,000. The dots indicate that no values were reported.



Source: Appendix Table F.6.

Figure F.2 Real Dockside Values of Non-Menhaden Saltwater Finfish by Species, 2000 – 2009

Table F.7 Saltwater Finfish Landings by LDWF Trip Ticket Basin and NMFS Grid, 2000 – 2009

Basin/Grid	Saltwater Finfish Landings (in Pounds)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Barataria	162,258,203	90,767,938	106,076,611	108,970,772	134,376,729	95,895,869	103,783,530	127,046,636	146,271,907	143,533,625	121,898,182
Lake Pontchartrain	91,371,639	123,346,627	188,543,309	134,104,397	103,484,864	52,038,165	111,873,172	103,855,689	61,351,910	191,706,857	116,167,663
Terrebonne	53,984,447	42,767,370	41,470,629	61,554,245	63,963,819	15,026,384	33,969,430	15,944,374	83,664,912	23,535,531	43,588,114
Mississippi River	48,491,341	25,911,600	31,900,121	32,518,623	38,692,153	24,561,888	15,313,019	46,582,332	31,158,893	19,319,324	31,444,929
Atchafalaya River	25,681,394	6,730,411	17,983,828	48,065,243	12,151,421	3,106,117	20,426,572	10,421,516	14,345,014	5,636,182	16,454,770
Vermilion-Teche River	6,973,780	4,317,709	5,087,988	1,975,998	1,234,884	1,076,478	5,196,464	732,253	3,772,871	7,762,037	3,813,046
Calcasieu River	817,045	600,667	335,522	959,484	644,258	377,624	457,701	1,596,842	424,656	751,837	696,564
Mermentau River	973,709	1,036,897	1,557	208	619	2,271	1,080,994	2,546	1,156	2,603	310,256
Red River	.	.	.	.	.	.	402,486	.	.	226	201,356
Sabine River	88	73	.	1,431	4,976	55,190	712	154	2,019	.	8,080
Ouachita River	.	.	.	.	.	6	.	.	.	4,956	2,481
Pearl River	.	.	.	.	.	.	.	18	19	.	19
Basin Subtotal	390,551,646	295,479,292	391,399,565	388,150,401	354,553,723	192,139,992	292,504,080	306,182,360	340,993,357	392,253,178	334,420,759
Percent of Total	35.1%	36.2%	35.2%	39.8%	40.1%	28.7%	38.5%	38.3%	45.4%	49.2%	38.7%
Basin/Grid											
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Grid 15	145,124,141	64,801,040	338,171,838	249,033,778	200,571,838	164,151,233	88,371,284	253,609,059	174,516,782	187,932,150	186,628,314
Grid 16	198,736,244	240,042,034	63,821,018	289,201,647	239,266,352	195,207,876	253,284,552	67,496,331	156,029,593	74,332,407	177,741,805
Grid 17	370,841,008	181,658,486	290,786,586	37,418,590	81,478,581	114,760,734	123,217,097	170,898,382	78,407,308	139,396,835	158,886,361
Grid 13	2,416,226	2,171,346	17,419,765	4,368,635	4,091,838	1,714,544	1,080,166	1,939,567	654,050	1,830,662	3,768,680

Table F.7 Saltwater Finfish Landings by LDWF Trip Ticket Basin and NMFS Grid, 2000 – 2009 (Continued)

Basin/Grid	Saltwater Finfish Landings (in Pounds)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Grid 14	2,210,414	6,169,849	9,266,731	6,130,392	3,061,884	224,257	923,152	174,363	707,159	693,214	2,956,142
Grid 11	202,794	22,817,941	3,741	18,430	52,961	.	2,329	13,792	3,582	19,724	2,570,588
Grid 19	47,911	2,881,168	.	16,369	15,547	12,192	.	.	.	.	594,637
Grid 7	296,810	.	.	.	.	.	.	.	.	.	296,810
Grid 18	554,258	832,688	143,922	196,413	36,495	21,631	2,143	.	.	.	255,364
Grid 12	30	47,247	955,185	33,735	.	71,020	.	.	.	.	221,443
Grid 21	142,620	.	.	.	.	.	.	.	.	.	142,620
Grid 5	134,000	.	.	.	.	.	.	.	.	.	134,000
Grid 10	13,192	4,572	9,251	.	163,755	19,029	.	.	.	.	41,960
Grid 20	69,735	7,208	.	.	.	18,925	.	.	.	.	31,956
Grid Subtotal	720,789,383	521,433,579	720,578,037	586,417,989	528,739,251	476,201,441	466,880,723	494,131,494	410,318,474	404,204,992	532,969,536
Percent of Total	64.9%	63.8%	64.8%	60.2%	59.9%	71.3%	61.5%	61.7%	54.6%	50.8%	61.3%
Unspecified	119,265	56,177	4,851	.	4,713	7,652	33,017	188	.	.	32,266
Percent of Total	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total	1,111,460,295	816,969,050	1,111,982,453	974,568,390	883,297,688	668,349,085	759,417,820	800,314,043	751,311,831	796,458,170	867,412,883

Table F.8 Average Nominal Dockside Prices of Saltwater Finfish by LDWF Trip Ticket Basin and NMFS Grid, 2000 – 2009

Basin/Grid	Nominal Prices of Saltwater Finfish (in \$)										Average
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
Mermentau River	1.16	0.49	1.07	0.73	1.07	1.14	1.09	1.27	0.69	1.04	0.98
Calcasieu River	0.99	0.83	0.84	0.74	0.81	0.93	0.98	0.93	1.04	1.13	0.92
Sabine River	1.24	0.51	.	0.67	0.63	0.91	1.60	0.50	0.87	.	0.87
Terrebonne	0.62	0.59	0.60	0.72	0.72	0.81	0.99	0.82	1.14	1.19	0.82
Lake Pontchartrain	0.67	0.53	0.59	0.58	0.57	0.79	0.57	1.05	1.15	0.79	0.73
Barataria	0.59	0.64	0.67	0.68	0.76	0.71	0.77	0.73	0.77	0.76	0.71
Vermilion-Teche River	0.65	0.57	0.51	0.48	0.58	0.63	0.68	0.71	0.70	0.67	0.62
Mississippi River	0.56	0.64	0.70	0.63	0.60	0.65	0.56	0.56	0.57	0.53	0.60
Atchafalaya River	0.37	0.35	0.28	0.28	0.52	0.61	0.51	0.63	0.66	0.72	0.49
Pearl River	.	.	.	.	.	.	.	3.75	3.75	.	3.75
Ouachita River	.	.	.	.	.	1.50	.	.	.	0.79	1.15
Red River	.	.	.	.	.	.	1.70	.	.	0.53	1.12
Basin/Grid	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Grid 11	1.19	1.41	1.76	1.68	1.72	.	2.26	2.56	3.38	1.97	1.99
Grid 18	1.83	1.77	1.41	1.39	1.51	1.88	1.84	.	.	.	1.66
Grid 14	1.56	1.63	1.55	1.48	1.58	1.83	1.88	1.36	1.75	1.84	1.65
Grid 15	1.64	1.56	1.50	1.52	1.60	1.69	1.74	1.73	1.57	1.51	1.61
Grid 13	1.33	1.34	1.20	1.50	1.53	1.51	1.73	1.72	1.81	1.69	1.54
Grid 16	1.56	1.58	1.67	1.39	1.49	1.30	0.89	1.72	1.70	1.71	1.50

**Table F.8 Average Nominal Dockside Prices of Saltwater Finfish by LDWF Trip Ticket Basin and NMFS Grid, 2000 – 2009
(Continued)**

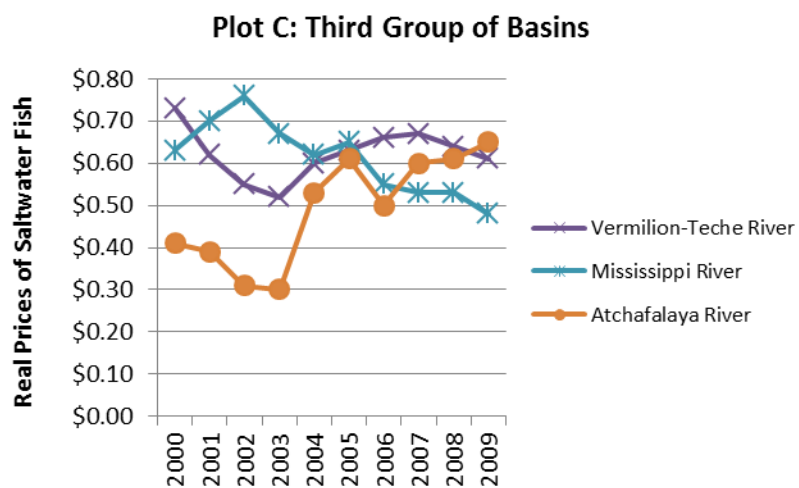
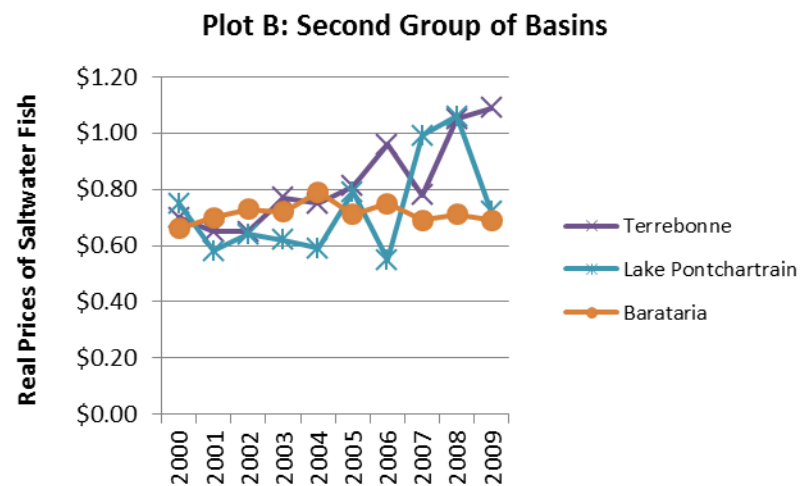
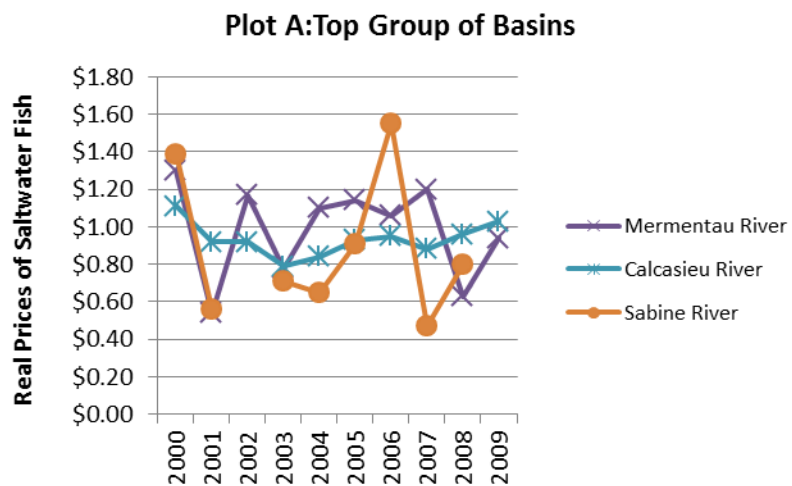
Basin/Grid	Nominal Prices of Saltwater Finfish (in \$)										
	2000	2001	Basin	2000	2001	Basin	2000	2001	Basin	2000	2001
Grid 17	1.26	1.33	1.35	1.56	1.49	1.54	1.55	1.38	1.63	1.30	1.44
Grid 21	2.24	.	.	.	.	.	.	.	.	.	2.24
Grid 20	2.14	1.26	.	.	.	1.55	.	.	.	.	1.65
Grid 10	1.78	1.07	1.61	.	2.00	1.63	.	.	.	.	1.62
Grid 19	1.97	1.15	.	1.44	1.56	1.60	.	.	.	.	1.54
Grid 12	0.52	1.15	0.74	1.13	.	0.03	.	.	.	.	0.71
Grid 5	0.03	.	.	.	.	.	.	.	.	.	0.03
Grid 7	0.03	.	.	.	.	.	.	.	.	.	0.03
Unspecified	1.38	0.37	1.41	.	0.21	0.18	0.58	0.20	.	.	0.62
Total	1.08	1.01	1.06	1.05	1.06	1.18	1.20	1.14	1.13	1.11	1.10

Table F.9 Average Real Dockside Prices of Saltwater Finfish by LDWF Trip Ticket Basin and NMFS Grid, 2000 – 2009

Basin/Grid	Real Prices of Saltwater Finfish (in 2005 Dollar)										Average
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
Mermentau River	1.30	0.54	1.17	0.78	1.10	1.14	1.06	1.20	0.63	0.94	0.99
Calcasieu River	1.11	0.92	0.92	0.79	0.84	0.93	0.95	0.88	0.96	1.03	0.93
Sabine River	1.39	0.56		0.71	0.65	0.91	1.55	0.47	0.80		0.88
Terrebonne	0.70	0.65	0.65	0.77	0.75	0.81	0.96	0.78	1.05	1.09	0.82
Lake Pontchartrain	0.75	0.58	0.64	0.62	0.59	0.79	0.55	0.99	1.06	0.72	0.73
Barataria	0.66	0.70	0.73	0.72	0.79	0.71	0.75	0.69	0.71	0.69	0.72
Vermilion-Teche River	0.73	0.62	0.55	0.52	0.60	0.63	0.66	0.67	0.64	0.61	0.62
Mississippi River	0.63	0.70	0.76	0.67	0.62	0.65	0.55	0.53	0.53	0.48	0.61
Atchafalaya River	0.41	0.39	0.31	0.30	0.53	0.61	0.50	0.60	0.61	0.65	0.49
Pearl River	.	.	.	.	.	.	.	3.54	3.44	.	3.49
Ouachita River	.	.	.	.	.	1.50	.	.	.	0.71	1.11
Red River	.	.	.	.	.	.	1.65	.	.	0.48	1.07
Basin/Grid	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Grid 11	1.34	1.55	1.92	1.79	1.78	.	2.19	2.42	3.10	1.79	1.99
Grid 18	2.06	1.95	1.54	1.48	1.56	1.88	1.78	.	.	.	1.75
Grid 14	1.75	1.79	1.69	1.58	1.63	1.83	1.82	1.28	1.61	1.67	1.67
Grid 15	1.85	1.72	1.63	1.62	1.65	1.69	1.69	1.64	1.44	1.37	1.63
Grid 13	1.49	1.47	1.30	1.59	1.58	1.51	1.68	1.62	1.66	1.54	1.54
Grid 16	1.76	1.74	1.82	1.48	1.53	1.30	0.86	1.62	1.56	1.55	1.52

**Table F.9 Average Real Dockside Prices of Saltwater Finfish by LDWF Trip Ticket Basin and NMFS Grid, 2000 – 2009
(Continued)**

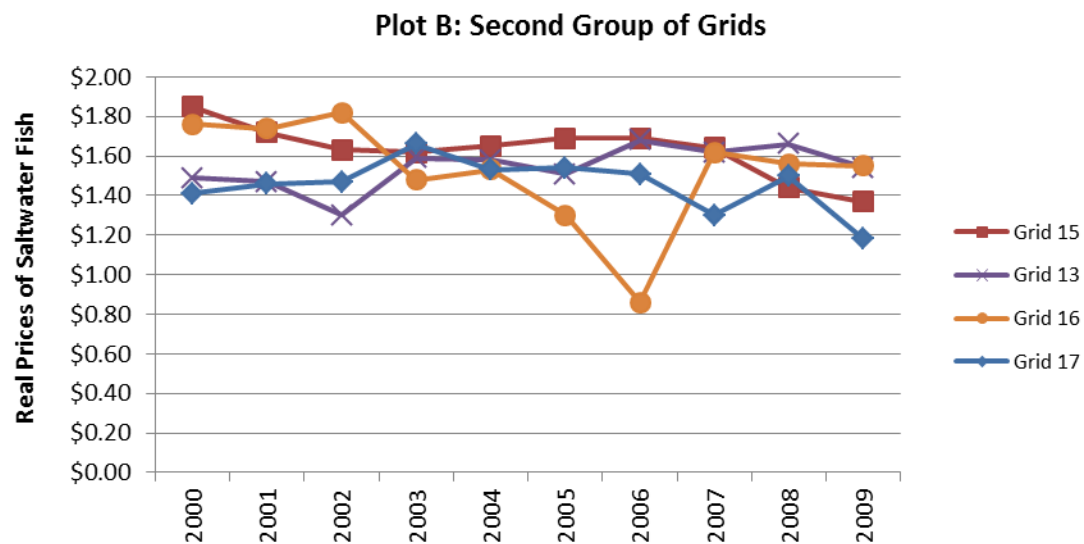
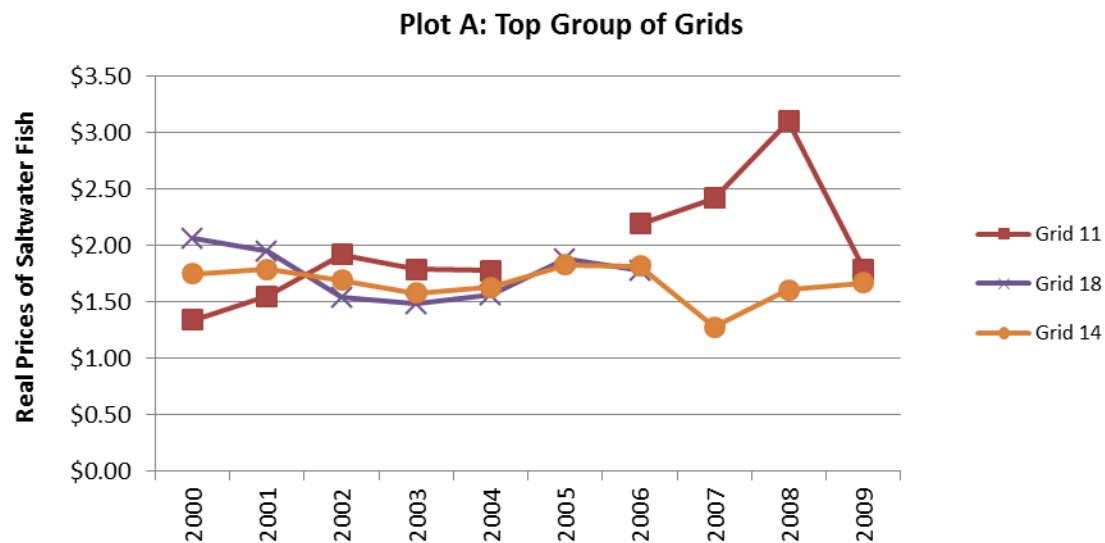
Basin/Grid	Real Prices of Saltwater Finfish (in 2005 Dollar)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Grid 17	1.41	1.46	1.47	1.66	1.53	1.54	1.51	1.30	1.50	1.18	1.46
Grid 21	2.51	.	.	.	.	.	.	.	.	.	2.51
Grid 20	2.41	1.38	.	.	.	1.55	.	.	.	.	1.78
Grid 10	2.00	1.18	1.75		2.07	1.63	.	.	.	.	1.73
Grid 19	2.21	1.27	.	1.53	1.61	1.60	.	.	.	.	1.64
Grid 12	0.58	1.26	0.80	1.21	.	0.03	.	.	.	.	0.78
Grid 5	0.04	.	.	.	.	.	.	.	.	.	0.04
Grid 7	0.04	.	.	.	.	.	.	.	.	.	0.04
Unspecified	1.57	1.30	1.64	.	0.22	0.26	0.56	0.45	.	.	0.86
Total	1.21	1.12	1.15	1.11	1.09	1.18	1.17	1.07	1.04	1.01	1.12



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Source: Appendix Table F.9.

Figure F.3 Average Real Dockside Prices of Saltwater Finfish by LDWF Trip Ticket Basin, 2000 – 2009



Source: Appendix Table F.9.

Figure F.4 Average Real Dockside Prices of Saltwater Finfish by NMFS Grid, 2000 – 2009

Table F.10 Nominal Dockside Values of Saltwater Finfish by LDWF Trip Ticket Basin and NMFS Grid, 2000 – 2009

Basin/Grid	Nominal Values of Saltwater Finfish (in \$)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Barataria	4,928,570	4,677,437	5,886,159	5,563,417	8,312,670	5,616,520	6,469,954	11,738,731	13,178,726	10,665,824	7,703,801
Lake Pontchartrain	6,726,514	5,330,199	8,848,566	7,060,368	6,075,675	3,004,875	6,191,602	8,665,041	5,499,018	14,329,736	7,173,159
Mississippi River	2,515,279	3,122,541	2,986,255	3,058,414	4,472,854	2,353,508	2,152,597	4,634,719	3,387,484	1,893,247	3,057,690
Terrebonne	1,570,271	1,774,134	1,977,353	2,630,578	3,623,048	1,000,185	1,824,704	1,404,037	6,849,352	1,816,243	2,446,991
Atchafalaya River	634,871	270,088	784,250	1,942,207	778,380	319,059	1,162,047	891,587	1,242,506	477,226	850,222
Vermilion-Teche River	441,251	421,145	555,137	647,597	750,764	739,792	889,481	524,785	970,254	1,245,559	718,577
Calcasieu River	633,582	390,042	208,395	276,038	448,386	323,682	459,213	557,501	427,344	707,277	443,146
Red River	.	.	.	.	.	.	27,516	.	.	130	13,823
Mermentau River	25,183	38,601	1,375	171	791	1,840	60,823	3,821	784	1,582	13,497
Sabine River	98	67	.	324	3,165	55,043	1,219	99	2,429	.	7,806
Ouachita River	.	.	.	.	.	9	.	.	.	4,467	2,238
Pearl River	.	.	.	.	.	.	.	69	72	.	71
Subtotal (Basins)	17,475,619	16,024,254	21,247,490	21,179,114	24,465,733	13,414,513	19,239,156	28,420,390	31,557,969	31,141,291	22,416,553
Percent of Total	27.0%	30.2%	32.1%	35.7%	39.5%	29.7%	39.0%	47.1%	52.4%	52.8%	38.6%
Basin/Grid											
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Grid 15	11,495,879	7,656,207	19,316,508	15,462,080	14,345,287	12,885,671	10,626,527	16,553,021	12,038,492	11,728,928	13,210,860
Grid 17	15,799,561	8,678,709	14,742,588	7,113,766	8,401,221	8,263,571	8,394,490	9,583,237	6,255,336	8,262,580	9,549,506
Grid 16	9,731,037	11,446,256	5,593,760	12,122,317	10,967,471	8,128,592	8,818,863	3,717,328	7,646,362	4,539,987	8,271,197
Grid 13	3,548,599	2,951,109	3,726,788	2,387,272	2,498,577	1,812,034	1,660,568	1,640,736	1,347,665	1,859,543	2,343,289

**Table F.10 Nominal Dockside Values of Saltwater Finfish by LDWF Trip Ticket Basin and NMFS Grid, 2000 – 2009
(Continued)**

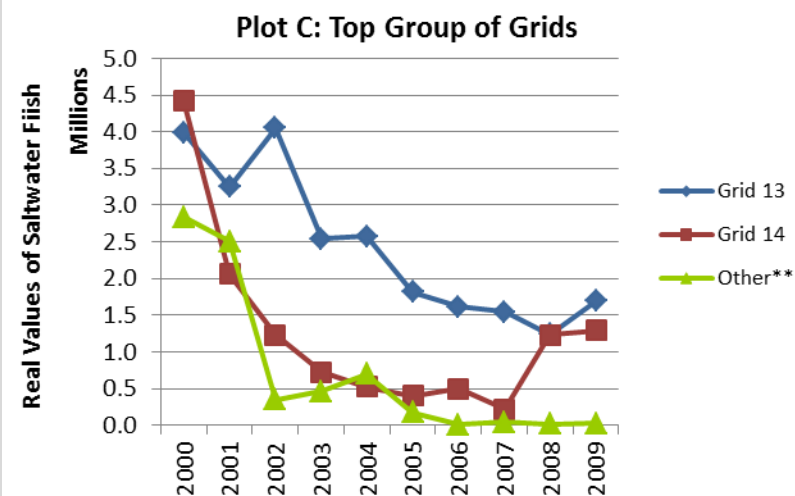
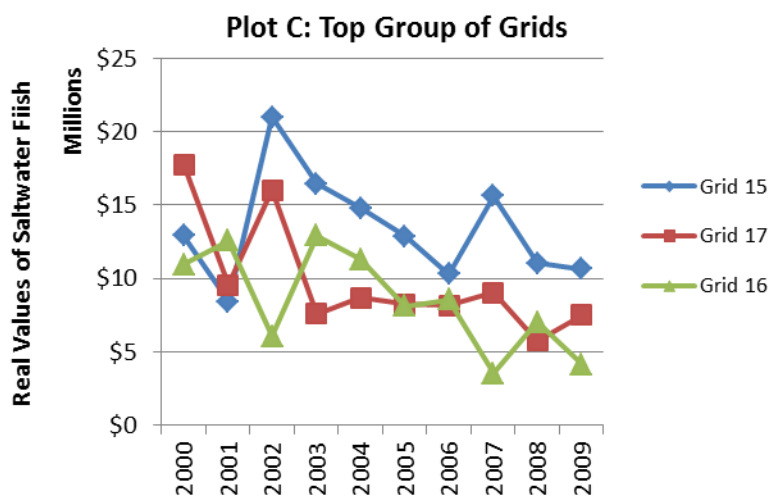
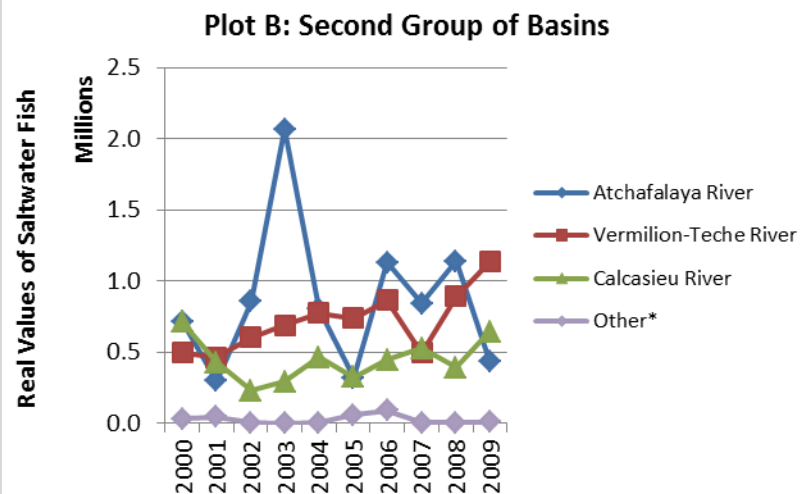
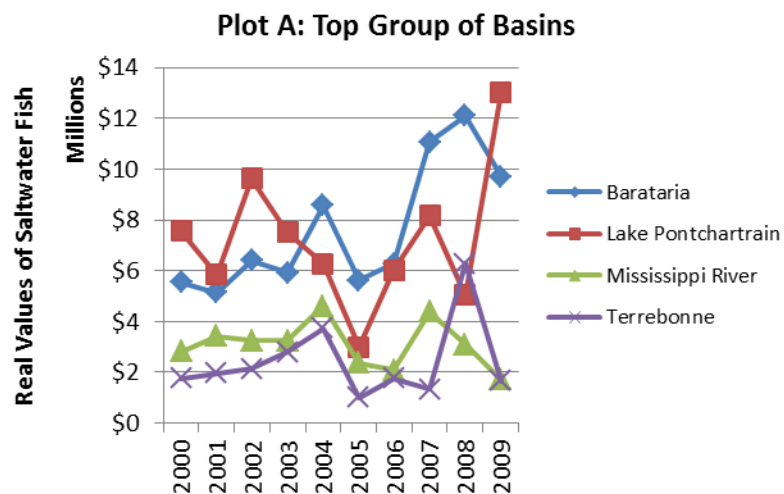
Basin/Grid	Nominal Values of Saltwater Finfish (in \$)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Grid 14	3,942,567	1,871,664	1,130,023	676,727	507,068	396,545	511,775	228,783	1,337,491	1,423,770	1,202,641
Grid 18	1,501,338	938,274	258,648	346,544	64,458	49,905	5,010	.	.	.	452,025
Grid 21	425,488	.	.	.	.	.	.	.	.	.	425,488
Grid 11	234,338	1,121,132	6,371	8,787	36,354	.	4,196	44,820	12,784	28,363	166,349
Grid 10	26,923	2,163	18,378	.	545,172	55,927	.	.	.	.	129,713
Grid 20	197,209	12,549	.	.	.	39,807	.	.	.	.	83,188
Grid 19	126,455	151,590	.	30,576	28,662	23,461	.	.	.	.	72,149
Grid 12	11	52,082	34,546	47,984	.	2,332	.	.	.	.	27,391
Grid 7	9,746	.	.	.	.	.	.	.	.	.	9,746
Grid 5	4,400	.	.	.	.	.	.	.	.	.	4,400
Subtotal (Grids)	47,043,551	34,881,735	44,827,610	38,196,053	37,394,270	31,657,845	30,021,429	31,767,925	28,638,130	27,843,171	35,227,172
Percent of Total	72.7%	65.8%	67.8%	64.3%	60.4%	70.1%	60.9%	52.7%	47.6%	47.2%	61.0%
Unspecified	209,416	2,094,820	13,841	.	849	67,487	18,231	105,174	.	.	358,545
Percent of Total	0.3%	4.0%	0.0%	.	0.0%	0.1%	0.0%	0.2%	.	.	0.7%
Total	64,728,585	53,000,810	66,088,940	59,375,166	61,860,853	45,139,845	49,278,815	60,293,488	60,196,099	58,984,461	57,894,706

Table F.11 Real Dockside Values of Saltwater Finfish by LDWF Trip Ticket Basin and NMFS Grid, 2000 – 2009

Basin/Grid	Real Values of Saltwater Finfish (in 2005 Dollar)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Barataria	5,537,719	5,140,040	6,397,999	5,918,529	8,569,763	5,616,520	6,281,509	11,074,275	12,090,574	9,696,203	7,632,313
Lake Pontchartrain	7,557,881	5,857,362	9,618,007	7,511,030	6,263,583	3,004,875	6,011,264	8,174,567	5,044,971	13,027,033	7,207,057
Mississippi River	2,826,157	3,431,364	3,245,929	3,253,632	4,611,189	2,353,508	2,089,900	4,372,376	3,107,783	1,721,133	3,101,297
Terrebonne	1,764,349	1,949,598	2,149,297	2,798,487	3,735,101	1,000,185	1,771,557	1,324,563	6,283,809	1,651,130	2,442,808
Atchafalaya River	713,338	296,800	852,445	2,066,177	802,454	319,059	1,128,201	841,120	1,139,914	433,841	859,335
Vermilion-Teche River	495,788	462,797	603,410	688,933	773,983	739,792	863,574	495,080	890,141	1,132,326	714,582
Calcasieu River	711,889	428,617	226,516	293,657	462,254	323,682	445,837	525,944	392,059	642,979	445,343
Mermentau River	28,295	42,419	1,494	182	815	1,840	59,051	3,605	719	1,438	13,986
Red River	.	.	.	.	.	.	26,715	.	.	118	13,417
Sabine River	110	74	.	345	3,263	55,043	1,184	93	2,228	.	7,793
Ouachita River	.	.	.	.	.	9	.	.	.	4,061	2,035
Pearl River	.	.	.	.	.	.	.	65	66	.	66
Subtotal (Basins)	19,635,526	17,609,071	23,095,097	22,530,972	25,222,405	13,414,513	18,678,792	26,811,688	28,952,264	28,310,262	22,426,059
Percent of Total	27.0%	31.4%	32.2%	35.7%	39.5%	29.8%	39.0%	47.2%	52.4%	52.8%	38.7%
Basin/Grid											
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Grid 15	12,916,718	8,413,414	20,996,204	16,449,021	14,788,956	12,885,671	10,317,016	15,616,058	11,044,488	10,662,662	13,409,021
Grid 17	17,752,315	9,537,043	16,024,553	7,567,836	8,661,053	8,263,571	8,149,990	9,040,790	5,738,840	7,511,436	9,824,743
Grid 16	10,933,750	12,578,304	6,080,174	12,896,082	11,306,671	8,128,592	8,562,003	3,506,913	7,015,011	4,127,261	8,513,476
Grid 13	3,987,189	3,242,977	4,050,856	2,539,651	2,575,852	1,812,034	1,612,202	1,547,864	1,236,390	1,690,493	2,429,551

Table F.11 Real Dockside Values of Saltwater Finfish by LDWF Trip Ticket Basin and NMFS Grid, 2000 – 2009 (Continued)

Basin/Grid	Real Values of Saltwater Finfish (in 2005 Dollar)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Grid 14	4,429,851	2,056,774	1,228,285	719,922	522,751	396,545	496,869	215,833	1,227,056	1,294,336	1,258,822
Grid 18	1,686,897	1,031,071	281,139	368,664	66,452	49,905	4,864	.	.	.	498,427
Grid 21	478,076	.	.	.	.	.	.	.	.	.	478,076
Grid 11	263,301	1,232,013	6,925	9,348	37,479	.	4,074	42,283	11,728	25,785	181,437
Grid 10	30,250	2,376	19,976	.	562,033	55,927	.	.	.	.	134,112
Grid 20	221,583	13,790	.	.	.	39,807	.	.	.	.	91,727
Grid 19	142,085	166,582	.	32,527	29,549	23,461	.	.	.	.	78,841
Grid 12	13	57,233	37,550	51,046	.	2,332	.	.	.	.	29,635
Grid 7	10,951	.	.	.	.	.	.	.	.	.	10,951
Grid 5	4,944	.	.	.	.	.	.	.	.	.	4,944
Subtotal (Grids)	52,857,923	38,331,577	48,725,662	40,634,097	38,550,796	31,657,845	29,147,018	29,969,741	26,273,513	25,311,973	36,146,015
Percent of Total	72.7%	68.4%	67.8%	64.3%	60.4%	70.2%	60.9%	52.8%	47.6%	47.2%	61.2%
Unspecified	225,015	65,615	11,433	.	875	2,201	17,700	103	.	.	46,135
Percent of Total	0.3%	0.1%	0.0%	.	0.0%	0.0%	0.0%	0.0%	.	.	0.1%
Total	72,718,463	56,006,263	71,832,194	63,165,070	63,774,075	45,074,559	47,843,510	56,781,532	55,225,778	53,622,237	58,604,368



Source: Appendix Table F.11. Note: "Other¹" includes Mermentau, Red, Sabine, Ouachita, and Pearl River Basins, while "Other²" includes Grids 5, 7, 10, 11, 12, 18, 19, 20 and 21.

Figure F.5 Real Dockside Values of Saltwater Finfish by LDWF Trip Ticket Basin and NMFS Grid, 2000 – 2009

Table F.12 Landings of Saltwater Finfish by Gear Type, 2000 – 2009

Gear Type	Landings of Saltwater Finfish (in Pounds)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Purse Seine, Menhaden	1,087,093,075	859,919,406	1,093,996,770	953,713,510	862,942,245	657,684,396	745,399,120	789,591,650	741,182,140	785,574,598	857,709,691
Longline, Surface	3,612,099	2,769,020	3,758,230	3,659,576	3,943,362	2,879,358	2,832,645	3,347,761	1,904,033	2,829,737	3,153,582
Gillnets, Strike	7,263,998	4,029,981	2,498,939	4,521,126	4,795,045	1,239,174	3,317,984	1,405,371	1,514,401	245,001	3,083,102
Trot Lines	1,754,715	1,744,053	1,847,473	2,341,696	3,026,921	2,091,544	1,757,343	1,949,663	1,964,928	2,644,277	2,112,261
Electric/Hydraulic Reel	1,916,680	2,163,178	2,486,200	2,026,475	1,708,700	1,325,210	1,805,821	1,675,415	1,437,285	1,522,167	1,806,713
Hand Lines	1,545,273	1,032,701	1,345,831	2,357,597	2,744,185	1,890,133	1,088,070	1,937,681	1,606,112	1,293,964	1,684,155
Otter Trawl, Shrimp	2,082,889	1,842,086	1,671,457	1,663,161	877,470	429,385	266,087	671,365	444,626	345,265	1,029,379
Mannual Reel	1,834,969	1,624,233	1,485,339	1,597,814	1,385,384	912,408	449,769	265,620	142,255	174,403	987,219
Longline, Bottom	2,766,128	1,861,015	1,551,930	968,283	686,517	398,023	317,852	209,375	159,888	198,390	911,740
Otter Trawl, Fish	560,481	553,255	409,173	974,075	411,158	264,189	296,448	416,562	49,455	360,417	429,521
Skimmer Nets	234,331	666,744	566,094	290,028	381,693	130,926	241,897	341,730	603,017	722,748	417,921
Troll Lines	383,697	369,218	36,246	109,990	203,198	164,013	394,114	332,834	206,501	388,767	258,858
Rod & Reel	565,275	235,823	232,214	138,186	120,755	78,874	42,670	49,294	23,549	33,047	151,969
Purse Seine, Other	.	.	.	.	.	.	1,093,440	1,117	.	.	547,279
Butterfly Nets	59,597	11,625	13,923	173,295	33,529	5,266	43,789	26,146	38,926	37,711	44,381
Pots & Traps, Crab	7,268	2,623	8,271	14,242	8,048	4,153	11,101	24,511	23,367	58,118	16,170
Gillnets, Stake	77,229	30,830	5,970	9,844	2,248	14,630	71	3,017	154	13,089	15,708
Hoop & Fyke Nets, Fish	39,733	37,936	35,533	1,532	3,340	4,016	18,880	6,663	3,799	350	15,178
By Hand	12	37,627	99,803	556	35	554	.	.	.	1,162	19,964
Spears & Gigs	8,996	7,032	16,049	3,557	13,435	25,806	8,192	2,990	4,179	14,305	10,454
Cast Nets	4,469	1,020	227	550	4,798	14,801	438	29,527	725	444	5,700
Trammel Nets	13,836	796	8,219	3,279	250	523	.	3,066	.	.	4,281

Table F.12 Landings of Saltwater Finfish by Gear Type, 2000 – 2009 (Continued)

Gear Type	Landings of Saltwater Finfish (in Pounds)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Wire Nets	.	.	.	.	551	302	.	.	.	.	427
Pots & Traps, Fish	.	.	.	4	123	251	4	.	.	197	116
Dip Nets	280	.	60	.	.	.	55	.	.	.	132
Hoop & Fyke Nets, Turtle	.	.	.	14	.	.	.	.	.	.	14
Cans, Buckets, Pipes, Drums, Tires	.	.	.	.	.	.	12	.	.	.	12
Oyster Dredge	.	.	.	.	.	.	.	.	.	12	12
Total	1,111,825,031	878,940,202	1,112,073,950	974,568,390	883,292,990	669,557,933	759,385,804	802,291,360	751,309,339	796,458,170	873,970,317

Note: The dots indicate that no landings were reported.

Table F.13 Nominal Dockside Values of Saltwater Finfish by Gear Type, 2000 – 2009

Gear Type	Nominal Dockside Values of Saltwater Finfish (in \$)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Purse Seine, Menhaden	32,874,089	29,726,679	40,377,753	34,464,422	35,248,174	25,769,041	29,715,778	41,364,483	45,960,488	42,554,989	35,805,590
Longline, Surface	10,265,012	7,350,175	10,469,584	9,785,094	11,676,344	8,624,369	8,067,660	9,561,803	5,497,146	7,473,715	8,877,090
Electric/Hydraulic Reel	3,691,900	4,184,620	4,500,367	3,674,452	3,298,492	2,895,814	3,866,266	3,714,583	3,326,534	3,428,643	3,658,167
Mannual Reel	3,581,523	3,280,996	2,774,161	3,060,610	2,720,429	2,044,386	1,162,928	699,937	406,625	407,990	2,013,959
Gillnets, Strike	5,364,998	2,391,313	1,741,367	2,731,257	2,812,825	977,926	2,051,565	788,220	782,618	228,431	1,987,052
Trot Lines	1,148,786	1,015,334	1,093,358	1,389,838	1,795,971	1,484,318	1,305,981	1,516,638	1,509,468	2,051,552	1,431,124
Longline, Bottom	4,331,281	2,298,451	2,618,102	1,394,407	1,029,278	667,650	590,898	367,321	415,792	527,865	1,424,105
Hand Lines	1,012,684	622,951	969,371	1,632,584	2,091,036	1,878,585	1,297,282	1,062,751	1,216,523	818,597	1,260,236
Troll Lines	428,606	429,779	41,969	112,900	232,400	238,848	573,013	506,648	430,001	491,334	348,550
Otter Trawl, Shrimp	597,934	586,059	536,472	398,192	323,095	184,966	132,356	237,288	206,469	215,156	341,799
Rod & Reel	839,249	407,324	338,906	153,967	268,750	148,512	107,437	74,274	48,529	84,610	247,156
Skimmer Nets	126,003	353,200	286,811	137,957	150,953	68,003	119,027	182,757	260,906	330,886	201,650
Otter Trawl, Fish	254,029	239,191	149,608	370,813	145,292	98,756	110,566	123,005	37,202	206,551	173,501
Butterfly Nets	57,512	8,651	9,545	29,385	33,947	6,602	58,361	41,890	57,858	60,896	36,465
Purse Seine, Other	.	.	.	.	.	.	65,280	894	.	.	33,087
By Hand	24	46,810	120,816	333	29	276	.	.	.	3,652	24,563
Gillnets, Stake	84,435	22,520	2,993	15,971	2,941	8,674	59	9,262	212	18,804	16,587
Spears & Gigs	16,349	11,921	24,323	6,110	17,674	28,347	15,025	5,225	9,655	30,433	16,506
Pots & Traps, Crab	8,925	2,701	6,286	11,019	8,383	4,748	12,922	25,356	24,974	49,112	15,443
Hoop & Fyke Nets, Fish	23,728	16,023	18,010	305	724	3,548	8,226	4,169	2,767	120	7,762
Trammel Nets	11,217	293	5,958	5,019	197	423	.	3,041	.	.	3,735
Cast Nets	2,807	3,449	182	513	892	2,848	350	3,834	1,245	532	1,665

Table F.13 Real Dockside Values of Saltwater Finfish by Gear Type, 2000 – 2009 (Continued)

Gear Type	Nominal Dockside Values of Saltwater Finfish (in \$)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Wire Nets	.	.	.	.	2,067	1,134	.	.	.	.	1,601
Pots & Traps, Fish	.	.	.	10	116	290	10	.	.	570	199
Dip Nets	28	.	7	.	.	.	49	.	.	.	28
Oyster Dredge	.	.	.	.	.	.	.	.	.	24	24
Hoop & Fyke Nets, Turtle	.	.	.	10	.	.	.	.	.	.	10
Cans, Buckets, Pipes, Drums, Tires	.	.	.	.	.	.	1	.	.	.	1
Unspecified	7,468	2,369	2,991	.	845	1,783	17,777	110	1,085	.	4,304
Total	64,728,585	53,000,810	66,088,940	59,375,166	61,860,853	45,139,845	49,278,815	60,293,488	60,196,099	58,984,461	57,894,706

Note: The dots indicate that no values were reported.

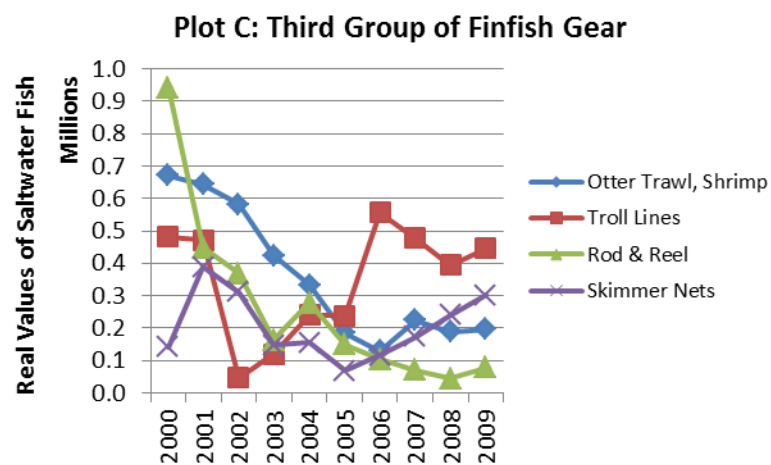
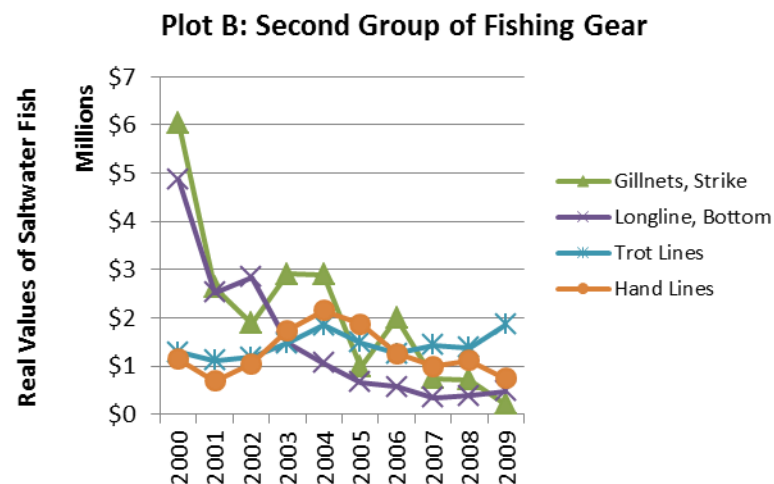
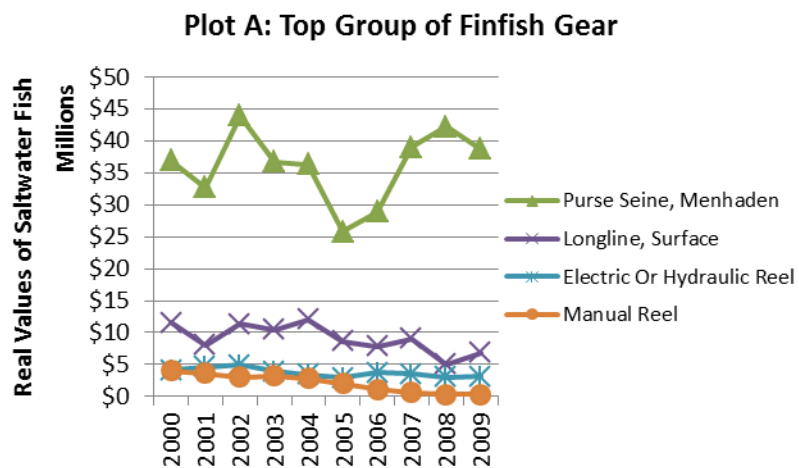
Table F.14 Real Dockside Values of Saltwater Finfish by Gear Type, 2000 – 2009

Gear Type	Real Dockside Values of Saltwater Finfish (in 2005 Dollar)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Purse Seine, Menhaden	36,937,179	32,666,680	43,888,862	36,664,279	36,338,323	25,769,041	28,850,270	39,023,097	42,165,586	38,686,354	36,098,967
Longline, Surface	11,533,722	8,077,115	11,379,982	10,409,675	12,037,468	8,624,369	7,832,679	9,020,569	5,043,253	6,794,287	9,075,312
Electric Or Hydraulic Reel	4,148,202	4,598,483	4,891,704	3,908,992	3,400,507	2,895,814	3,753,657	3,504,323	3,051,866	3,116,948	3,727,050
Mannual Reel	4,024,183	3,605,490	3,015,393	3,255,968	2,804,566	2,044,386	1,129,056	660,318	373,051	370,900	2,128,331
Gillnets, Strike	6,028,088	2,627,817	1,892,790	2,905,592	2,899,820	977,926	1,991,810	743,604	717,998	207,664	2,099,311
Longline, Bottom	4,866,608	2,525,770	2,845,763	1,483,411	1,061,111	667,650	573,687	346,529	381,461	479,877	1,523,187
Trot Lines	1,290,771	1,115,751	1,188,432	1,478,552	1,851,517	1,484,318	1,267,943	1,430,791	1,384,833	1,865,047	1,435,796
Hand Lines	1,137,847	684,561	1,053,664	1,736,791	2,155,708	1,878,585	1,259,497	1,002,595	1,116,076	744,179	1,276,950
Otter Trawl, Shrimp	671,836	644,021	583,122	423,608	333,088	184,966	128,501	223,856	189,422	195,596	357,802
Troll Lines	481,579	472,285	45,618	120,106	239,587	238,848	556,323	477,969	394,497	446,667	347,348
Rod & Reel	942,976	447,609	368,376	163,795	277,062	148,512	104,307	70,070	44,522	76,918	264,415
Skimmer Nets	141,576	388,132	311,751	146,762	155,622	68,003	115,561	172,412	239,363	300,806	203,999
Otter Trawl, Fish	285,426	262,847	162,617	394,482	149,786	98,756	107,346	116,042	34,130	187,774	179,921
Butterfly Nets	64,620	9,507	10,375	31,261	34,996	6,602	56,662	39,519	53,080	55,360	36,198
By Hand	27	51,439	131,321	354	30	276	.	.	.	3,320	26,681
Gillnets, Stake	94,871	24,747	3,253	16,991	3,032	8,674	57	8,738	195	17,095	17,765
Spears & Gigs	18,369	13,100	26,438	6,500	18,220	28,347	14,587	4,929	8,858	27,666	16,701
Pots & Traps, Crab	10,028	2,969	6,833	11,722	8,642	4,748	12,545	23,921	22,912	44,647	14,897
Hoop & Fyke Nets, Fish	26,660	17,608	19,577	324	746	3,548	7,986	3,933	2,539	109	8,303
Purse Seine, Other	.	.	.	.	.	.	63,379	843	.	.	32,111
Trammel Nets	12,603	322	6,476	5,339	203	423	.	2,869	.	.	4,034
Cast Nets	3,153	3,790	197	546	919	2,848	340	3,617	1,142	483	1,704

Table F.14 Real Dockside Values of Saltwater Finfish by Gear Type, 2000 – 2009 (Continued)

Gear Type	Real Dockside Values of Saltwater Finfish (in 2005 Dollar)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Wire Nets	.	.	.	.	2,131	1,134	.	.	.	.	1,633
Pots & Traps, Fish	.	.	.	11	120	290	10	.	.	518	190
Dip Nets	31	.	8	.	.	.	48	.	.	.	29
Oyster Dredge	.	.	.	.	.	.	.	.	.	22	22
Hoop & Fyke Nets, Turtle	.	.	.	10	.	.	.	.	.	.	10
Cans, Buckets, Pipes, Drums, Tires	.	.	.	.	.	.	1	.	.	.	1
Total	72,720,356	58,240,044	71,832,553	63,165,070	63,773,204	45,138,062	47,826,251	56,880,546	55,224,784	53,622,237	58,842,311

Note: The dots indicate that no values were reported.



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Source: Appendix Table F.14.

Figure F.6 Real Dockside Values of Saltwater Finfish by Gear Type, 2000 – 2009

Table F.15 Landings of Saltwater Finfish by Landing Condition, 2000 - 2009

Landing Condition	Landings (in Pounds)											
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average	Percent
Whole, Round or Heads On	1,098,999,834	868,244,009	1,101,361,105	963,000,373	871,784,565	661,547,793	751,491,982	794,076,936	745,629,146	789,643,695	864,577,944	98.9%
Gutted	6,967,930	6,483,133	5,721,913	6,527,580	6,758,954	4,786,075	4,807,292	3,853,288	3,341,099	3,598,523	5,284,579	0.6%
Gutted & Headed	3,488,885	2,185,163	2,494,863	2,399,000	2,244,935	1,736,985	1,801,201	2,869,378	1,377,516	1,816,352	2,241,428	0.3%
Tubed (Gutted, Headed & Tailed)	2,353,602	2,017,395	2,475,544	2,614,686	2,466,717	1,458,181	1,239,043	1,470,269	953,553	1,353,523	1,840,251	0.2%
Headed or Heads Off	11,280	7,090	20,461	21,190	33,160	7,458	59,535	12,009	8,199	32,952	21,333	0.0%
Filletted, Peeled or Meat	1,180	.	200	.	270	23,217	13,390	8,520	1,611	12,901	7,661	0.0%
Pieces or Chunks	12,642	10,610	1,644	5,560	9,087	4,419	5,376	1,148	707	224	5,142	0.0%
Total	1,111,835,353	878,947,400	1,112,075,730	974,568,390	883,297,688	669,564,130	759,417,820	802,291,548	751,311,831	796,458,170	873,976,806	100.0%

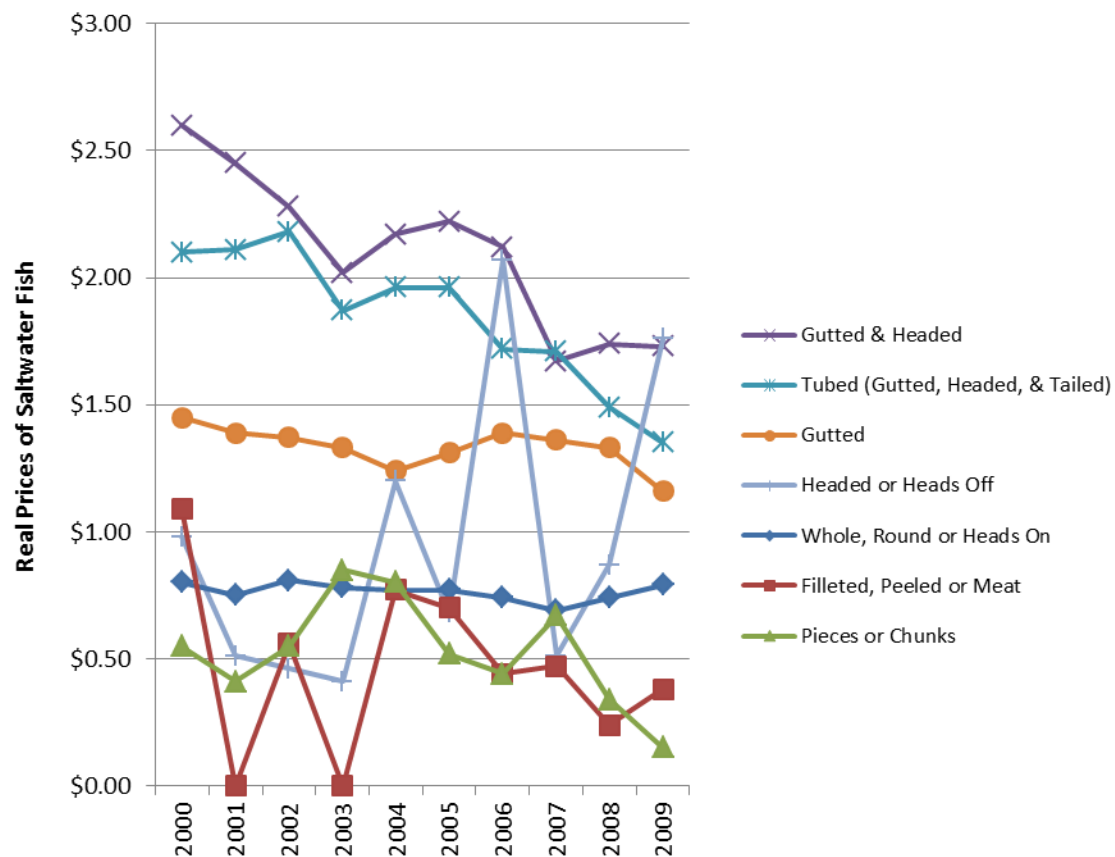
Note: The dots indicate that no finfish were reportedly landed. The average was based on the number of non-zero entries in individual landing condition.

Table F.16 Average Dockside Prices of Saltwater Finfish by Landing Condition, 2000 – 2009

Landing Condition	Average Nominal Prices of Saltwater Finfish (in \$)											
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average	Percent
Gutted & Headed	2.31	2.23	2.10	1.90	2.11	2.22	2.18	1.77	1.90	1.90	2.06	187.1%
Tubed (Gutted, Headed, & Tailed)	1.87	1.92	2.00	1.76	1.90	1.96	1.77	1.81	1.62	1.48	1.81	164.2%
Gutted	1.29	1.27	1.26	1.25	1.21	1.31	1.43	1.45	1.45	1.27	1.32	119.7%
Headed or Heads Off	0.87	0.46	0.42	0.39	1.17	0.68	2.13	0.54	0.95	1.93	0.95	86.6%
Whole, Round or Heads On	0.71	0.68	0.75	0.73	0.75	0.77	0.76	0.73	0.80	0.87	0.76	68.5%
Filletted, Peeled or Meat	0.97	.	0.52	.	0.75	0.70	0.45	0.50	0.26	0.42	0.57	51.8%
Pieces or Chunks	0.49	0.37	0.51	0.80	0.78	0.52	0.46	0.71	0.37	0.17	0.52	47.0%
Total	1.08	1.01	1.06	1.05	1.06	1.18	1.20	1.14	1.13	1.11	1.10	100.0%

Landing Condition	Average Real Prices of Saltwater Finfish (in 2005 Dollar)											
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average	Percent
Gutted & Headed	2.60	2.45	2.28	2.02	2.17	2.22	2.12	1.67	1.74	1.73	2.10	188.5%
Tubed (Gutted, Headed, & Tailed)	2.10	2.11	2.18	1.87	1.96	1.96	1.72	1.71	1.49	1.35	1.85	165.6%
Gutted	1.45	1.39	1.37	1.33	1.24	1.31	1.39	1.36	1.33	1.16	1.33	119.7%
Headed or Heads Off	0.98	0.51	0.46	0.41	1.20	0.68	2.07	0.51	0.87	1.76	0.95	84.8%
Whole, Round or Heads On	0.80	0.75	0.81	0.78	0.77	0.77	0.74	0.69	0.74	0.79	0.76	68.6%
Filletted, Peeled or Meat	1.09	.	0.56	.	0.77	0.70	0.44	0.47	0.24	0.38	0.58	52.2%
Pieces or Chunks	0.55	0.41	0.55	0.85	0.80	0.52	0.44	0.67	0.34	0.15	0.53	47.4%
Total	1.21	1.11	1.15	1.11	1.09	1.18	1.17	1.07	1.04	1.01	1.11	100.0%

Note: The dots indicate that no finfish were reportedly sold. The average was based on the number of non-zero entries in individual landing condition.



Source: Appendix Table F.16.

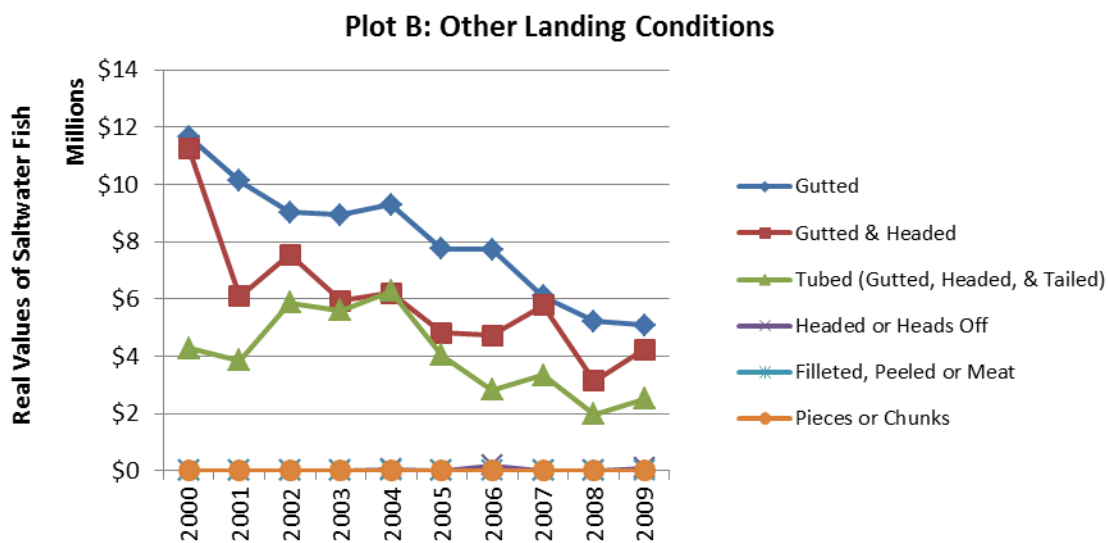
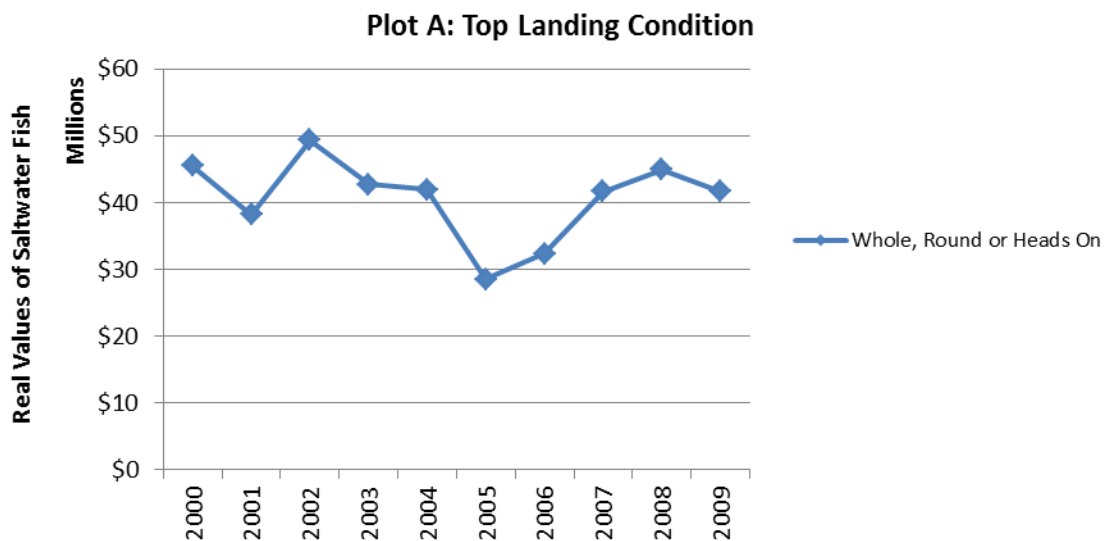
Figure F.7 Average Real Dockside Prices of Saltwater Finfish by Landing Condition, 2000 – 2009

Table F.17 Dockside Values of Saltwater Finfish by Landing Condition, 2000 – 2009

Landing Condition	Nominal Values of Saltwater Finfish (in \$)											
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average	Percent
Whole, Round or Heads On	40,497,917	34,724,737	45,413,710	40,123,777	40,672,159	28,504,254	33,313,585	44,164,009	48,915,177	45,844,247	40,217,357	69.5%
Gutted	10,378,700	9,212,630	8,312,907	8,396,756	9,019,581	7,760,733	7,971,237	6,454,268	5,698,716	5,607,105	7,881,263	13.6%
Gutted & Headed	10,016,183	5,549,176	6,943,178	5,581,877	6,027,983	4,813,718	4,881,852	6,127,237	3,417,755	4,664,139	5,802,310	10.0%
Tubed (Gutted, Headed, & Tailed)	3,819,369	3,507,362	5,409,252	5,259,579	6,083,895	4,040,643	2,922,058	3,532,317	2,159,630	2,761,184	3,949,529	6.8%
Headed or Heads Off	9,267	3,066	9,253	7,699	50,183	4,749	181,635	5,369	4,105	100,407	37,573	0.1%
Filletted, Peeled or Meat	947	.	107	.	109	13,153	5,803	9,210	448	7,342	4,640	0.0%
Pieces or Chunks	6,202	3,839	534	5,477	6,944	2,595	2,645	1,078	268	37	2,962	0.0%
Total	64,728,585	53,000,810	66,088,940	59,375,166	61,860,853	45,139,845	49,278,815	60,293,488	60,196,099	58,984,461	57,894,706	100.0%

Landing Condition	Real Values of Saltwater Finfish (in 2005 Dollar)											
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average	Percent
Whole, Round or Heads On	45,503,278	38,159,052	49,362,728	42,684,869	41,930,061	28,504,254	32,343,286	41,664,160	44,876,310	41,676,588	40,670,459	69.1%
Gutted	11,661,460	10,123,769	9,035,768	8,932,719	9,298,537	7,760,733	7,739,065	6,088,932	5,228,180	5,097,368	8,096,653	13.8%
Gutted & Headed	11,254,138	6,097,995	7,546,933	5,938,167	6,214,415	4,813,718	4,739,662	5,780,412	3,135,555	4,240,126	5,976,112	10.2%
Tubed (Gutted, Headed, & Tailed)	4,291,426	3,854,244	5,879,621	5,595,297	6,272,056	4,040,643	2,836,950	3,332,375	1,981,312	2,510,167	4,059,409	6.9%
Headed or Heads Off	10,412	3,370	10,058	8,191	51,735	4,749	176,345	5,065	3,766	91,279	36,497	0.1%
Filletted, Peeled or Meat	1,064	.	116	.	112	13,153	5,634	8,689	411	6,674	4,482	0.0%
Pieces or Chunks	6,969	4,218	580	5,826	7,158	2,595	2,567	1,017	245	34	3,121	0.0%
Total	72,728,747	58,242,648	71,835,805	63,165,070	63,774,075	45,139,845	47,843,510	56,880,649	55,225,778	53,622,237	58,845,836	100.0%

Note: The dots indicate that no finfish were reportedly sold. The average was based on the number of non-zero entries in individual landing condition.



Source: Appendix Table F.17.

Figure F.8 Real Dockside Values of Saltwater Finfish by Landing Condition, 2000 – 2009

Appendix G - Finfish Landings and Values per Effort

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Table G.1 Average Finfish Landings per Finfish Fisherman by Species Type, 2000 – 2009

Species Type	Average Landings of Finfish Per Fisherman (in Pounds)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Freshwater Fish	10,343	12,973	13,377	13,375	13,684	14,734	18,398	18,247	16,778	15,420	14,302
Saltwater Fish	617,001	569,266	836,147	828,715	691,156	768,730	939,874	906,544	955,867	888,904	768,264
Total	414,500	375,513	529,983	524,364	445,208	438,431	564,936	552,676	546,910	543,659	482,174

Note: The average landings per finfish fisherman for a species type was calculated by dividing the landings of that species by the number of fishermen who reported that they harvested the species.

Table G.2 Average Nominal Dockside Values of Finfish per Finfish Fisherman by Species Type, 2000 – 2009

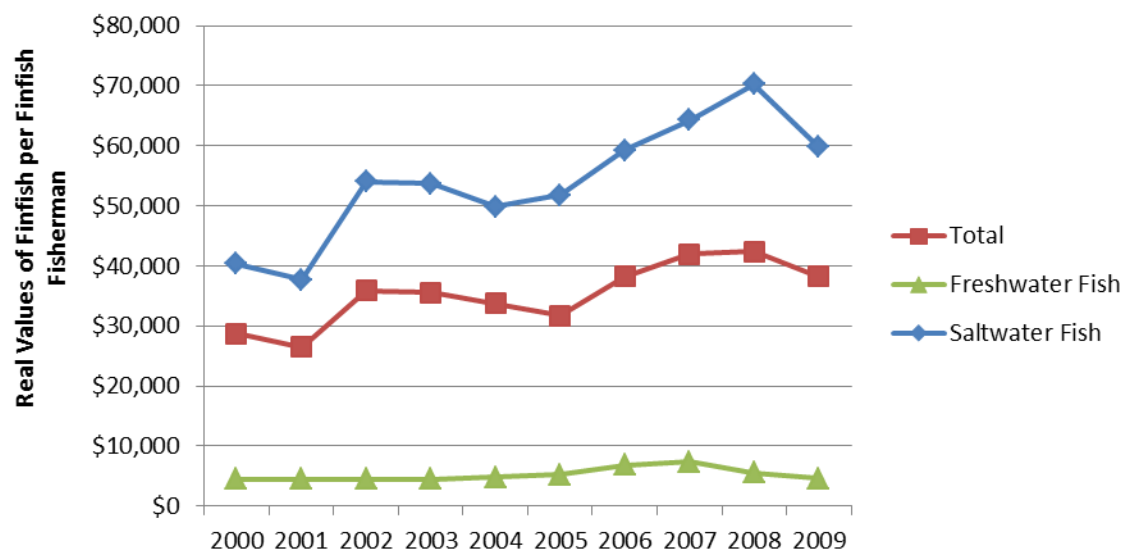
Species Type	Average Nominal Dockside Values of Finfish per Fisherman (in \$)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Freshwater Fish	3,959	4,096	4,183	4,219	4,620	5,206	7,093	7,806	6,083	5,059	5,038
Saltwater Fish	35,920	34,327	49,691	50,489	48,404	51,825	60,989	68,128	76,585	65,831	50,892
Total	25,553	24,070	32,993	33,468	32,779	31,721	39,412	44,490	46,173	42,031	33,789

Note: The average nominal value per finfish fisherman for a species type was calculated by dividing the nominal value of that species by the number of fishermen who reported that they harvested the species.

Table G.3 Average Real Dockside Values of Finfish per Finfish Fisherman by Species Type, 2000 – 2009

Species Type	Average Real Dockside Values of Finfish per Fisherman (in 2005 Dollar)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Freshwater Fish	4,449	4,501	4,546	4,489	4,763	5,206	6,886	7,364	5,581	4,599	5,108
Saltwater Fish	40,360	37,722	54,012	53,712	49,901	51,825	59,212	64,272	70,262	59,846	51,728
Total	28,711	26,451	35,862	35,604	33,792	31,721	38,264	41,972	42,361	38,210	34,338

Note: The average real value per finfish fisherman for a species type was calculated by dividing the real value of that species by the number of fishermen who reported that they harvested the species.



Source: Appendix Table G.3. **Note:** The average real value per finfish fisherman for a species type was calculated by dividing the value of that species by the number of fishermen who reported that they harvested the species.

Figure G.1 Average Real Dockside Values of Finfish per Finfish Fisherman by Species Type, 2000 – 2009

Table G.4 Average Landings of Freshwater Finfish per Freshwater Finfish Fisherman by Species, 2000 – 2009

Species	Landings of Freshwater Finfish Per Fisherman (in Pounds)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Buffalo	11,868	14,208	14,210	16,009	12,692	15,619	20,098	19,941	16,428	17,727	15,880
Gizzard Shad	16,104	20,414	23,026	12,997	12,435	11,961	16,612	9,061	11,835	13,858	14,830
Shad Unclassified	20,357	24,641	10,572	7,737	10,975	9,065	13,243	12,678	10,149	9,606	12,902
Blue Catfish	5,632	5,927	5,957	6,341	6,854	7,397	8,726	9,991	8,404	5,889	7,112
Channel Catfish (Eel Cat, Willow Cat)	5,235	4,460	5,471	4,178	6,375	4,711	5,727	4,452	4,440	4,257	4,931
Gaspergou (Freshwater Drum)	1,810	3,290	4,379	4,128	3,353	3,678	3,404	4,453	5,257	5,887	3,964
Bighead Carp	673	404	484	649	2,268	958	5,282	8,251	8,607	7,914	3,549
Alligator Gar	1,581	2,121	2,627	3,346	3,209	2,212	4,094	4,547	4,256	3,209	3,120
Flathead Catfish (Opelousas Cat)	1,186	1,625	1,921	2,162	2,199	2,319	2,443	2,564	3,848	3,070	2,334
Bullheads (Mud Cat)	1,343	1,217	453	1,483	1,641	2,141	1,316	2,115	1,734	2,359	1,580
Grass Carp	1,026	1,389	1,290	918	942	1,113	1,425	2,711	2,449	2,534	1,580
Common Carp (German Carp)	831	1,179	1,522	1,505	1,309	1,089	1,585	1,829	2,952	1,757	1,556
Bowfin (Grinnel)	1,038	522	710	1,830	1,115	1,577	1,074	1,052	2,190	2,354	1,346
Silver Carp	28	24	0	1,363	844	1,166	1,288	1,088	2,020	1,711	953
Garfish Unclassified	521	434	691	1,214	485	601	593	1,836	1,236	1,056	867
Minnows	843	614	621	801	693	763	674	640	960	842	745
Longnose Gar	666	692	588	658	682	384	485	538	550	855	610
Spotted Gar	68	102	74	52	561	513	232	70	21	103	180
Shortnose Gar	284	152	162	25	180	51	0	0	279	11	114
Freshwater Eel	14	10	0	13	7	0	179	7	30	11	27
Threadfin Shad	0	29	0	0	0	0	0	0	0	0	3
Unknown Freshwater Finfish Species	133	263	0	22	140	0	93	0	0	0	65

Note: The average landings per finfish fisherman for a species was calculated by dividing the landings of that species by the number of fishermen who reported that they harvested the species.

Table G.5 Average Nominal Dockside Values of Freshwater Finfish per Freshwater Finfish Fisherman by Species, 2000 – 2009

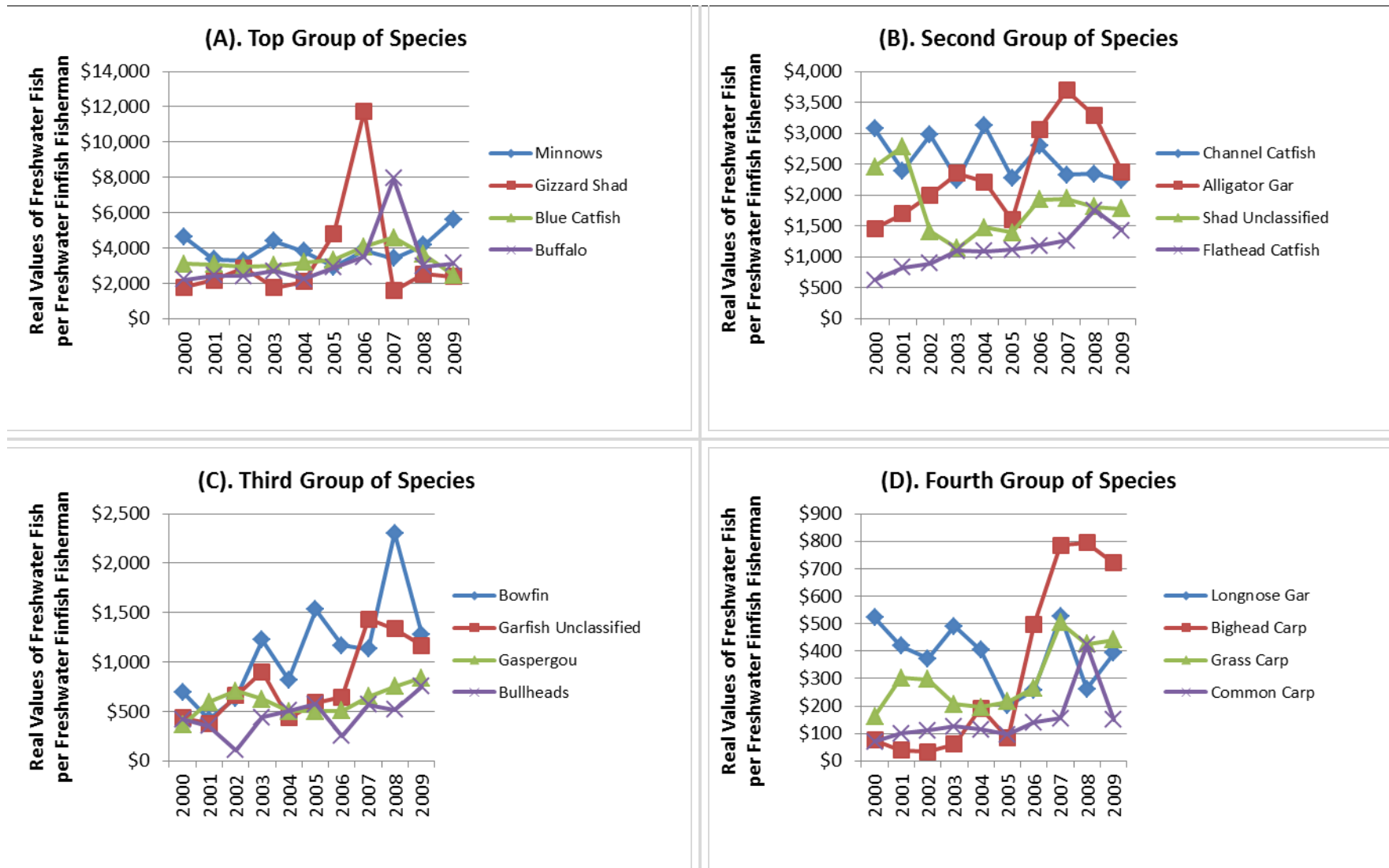
Species	Average Nominal Dockside Values of Freshwater Finfish Per Fisherman (in \$)										
	2,000	2,001	2,002	2,003	2,004	2,005	2,006	2,007	2,008	2,009	Average
Minnows	4,113	3,056	3,004	4,127	3,692	2,920	3,988	3,626	4,541	6,176	3,924
Gizzard Shad	1,591	1,994	2,639	1,633	2,030	4,821	12,108	1,677	2,749	2,612	3,385
Blue Catfish	2,760	2,782	2,685	2,840	3,084	3,322	4,196	4,878	3,956	2,720	3,322
Buffalo	1,964	2,223	2,224	2,524	2,168	2,900	3,609	8,414	3,221	3,452	3,270
Channel Catfish (Eel Cat, Willow Cat)	2,736	2,179	2,738	2,111	3,026	2,280	2,873	2,469	2,556	2,462	2,543
Alligator Gar	1,295	1,545	1,837	2,213	2,148	1,597	3,158	3,920	3,576	2,611	2,390
Shad Unclassified	2,191	2,532	1,294	1,074	1,431	1,397	1,980	2,056	1,971	1,954	1,788
Bowfin (Grinnel)	619	381	583	1,151	793	1,531	1,204	1,202	2,513	1,410	1,139
Flathead Catfish (Opelousas Cat)	554	754	821	1,033	1,054	1,115	1,212	1,342	1,909	1,565	1,136
Garfish Unclassified	386	345	606	846	422	589	665	1,521	1,459	1,286	812
Gaspergou (Freshwater Drum)	325	539	648	587	488	500	522	690	819	923	604
Bullheads (Mud Cat)	374	324	99	414	494	575	260	601	562	829	453
Longnose Gar	465	380	343	462	392	202	266	559	286	432	378
Bighead Carp	68	35	31	57	186	83	513	833	867	793	346
Grass Carp	145	275	273	195	189	216	273	533	464	484	305
Common Carp (German Carp)	62	91	102	117	110	95	144	163	460	164	151
Spotted Gar	63	102	62	54	359	350	143	73	13	66	128
Shortnose Gar	276	130	144	13	87	33	0	0	399	6	109
Silver Carp	3	1	0	137	51	2	99	126	16	24	46
Freshwater Eel	5	5	0	2	5	0	147	7	26	11	20
Threadfin Shad	0	3	0	0	0	0	0	0	0	0	0
Unknown Freshwater Finfish Species	33	333	0	3	7	0	8	0	0	0	38

Note: The average value per finfish fisherman for a species was calculated by dividing the value of that species by the number of fishermen who reported that they harvested the species.

Table G.6 Average Real Dockside Values of Freshwater Finfish per Freshwater Finfish Fisherman by Species, 2000 – 2009

Species	Average Real Dockside Values of Freshwater Finfish Per Fisherman (in 2005 Dollar)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Minnows	4,621	3,358	3,265	4,391	3,806	2,920	3,872	3,420	4,166	5,615	3,943
Gizzard Shad	1,788	2,191	2,869	1,737	2,093	4,821	11,755	1,582	2,522	2,374	3,373
Blue Catfish	3,101	3,057	2,918	3,022	3,179	3,322	4,074	4,602	3,630	2,473	3,338
Buffalo	2,207	2,443	2,417	2,685	2,235	2,900	3,504	7,938	2,955	3,138	3,242
Channel Catfish (Eel Cat, Willow Cat)	3,074	2,394	2,976	2,246	3,119	2,280	2,790	2,329	2,345	2,239	2,579
Alligator Gar	1,455	1,698	1,996	2,354	2,214	1,597	3,066	3,698	3,281	2,374	2,373
Shad Unclassified	2,461	2,783	1,406	1,142	1,475	1,397	1,922	1,939	1,809	1,776	1,811
Flathead Catfish (Opelousas Cat)	622	829	893	1,099	1,087	1,115	1,176	1,266	1,751	1,423	1,126
Bowfin (Grinnel)	696	419	633	1,225	817	1,531	1,169	1,134	2,306	1,282	1,121
Garfish Unclassified	433	379	658	900	435	589	646	1,435	1,338	1,169	798
Gaspergou (Freshwater Drum)	365	592	705	625	503	500	507	651	752	839	604
Bullheads (Mud Cat)	420	356	108	440	509	575	252	567	515	753	450
Longnose Gar	522	418	373	491	404	202	258	527	262	393	385
Bighead Carp	77	39	33	61	191	83	498	786	795	721	328
Grass Carp	163	302	297	207	195	216	265	503	426	440	301
Common Carp (German Carp)	70	100	111	125	113	95	139	154	422	149	148
Spotted Gar	70	112	67	57	370	350	139	69	12	60	131
Shortnose Gar	310	143	157	13	90	33	0	0	366	5	112
Silver Carp	3	1	0	145	52	2	96	119	14	22	45
Freshwater Eel	5	5	0	2	5	0	142	7	23	10	20
Threadfin Shad	0	3	0	0	0	0	0	0	0	0	0
Unknown Freshwater Finfish Species	37	366	0	3	7	0	8	0	0	0	42

Note: The average value per finfish fisherman for a species was calculated by dividing the value of that species by the number of fishermen who reported that they harvested the species.



Source: Appendix Table G.6. **Note:** The average value of a species per finfish fisherman was calculated by dividing the value of that species by the number of fishermen who reported that they harvested the species.

Figure G.2 Average Real Dockside Values of Freshwater Finfish per Freshwater Finfish Fisherman by Species, 2000 – 2009

Table G.7 Average Landings and Average Dockside Values of Menhaden per Menhaden Fisherman, 2000 – 2009

	Measures of Menhaden Per Fisherman By Year									
Measure	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Landings (Lbs.)	27,177,329	23,241,070	29,567,480	28,050,398	22,709,119	16,864,151	22,620,993	21,341,101	21,799,475	21,821,517
Average Nominal Value (\$)	821,853	803,426	1,091,291	1,013,660	927,597	660,823	902,457	1,118,053	1,351,779	1,182,083
Value (in 2005 \$)	923,430	882,886	1,186,185	1,078,361	956,286	660,823	876,172	1,054,767	1,240,164	1,074,621

Source: Derived from Tables G.8, G.9 and G.10.

Table G.8 Average Landings of Saltwater Finfish per Saltwater Finfish Fisherman by Species, 2000 – 2009

Species	Landings of Saltwater Finfish Per Fisherman (in Pounds)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Menhaden	27,177,329	23,241,070	29,567,480	28,050,398	22,709,119	16,864,151	22,620,993	21,341,101	21,799,475	21,821,517	23,519,263
Butterfish	.	.	.	.	.	.	.	145,525	.	.	145,525
Yellowfin Tuna	36,893	31,857	43,170	42,514	54,043	36,492	41,448	52,743	30,093	51,368	42,062
Jellyfish	.	.	.	23,406	.	.	.	.	.	.	23,406
Red Snapper	23,394	21,751	21,151	18,358	15,002	15,306	23,280	19,693	18,580	22,220	19,874
Blacktip Shark	35,164	32,268	12,821	12,868	8,752	6,908	12,312	17,905	10,668	8,838	15,850
Mullet - Red Roe	18,198	14,674	11,817	15,206	21,336	15,524	22,172	12,212	18,184	4,619	15,394
King Mackerel	11,570	10,759	10,313	10,347	11,054	13,551	17,651	16,276	16,986	14,954	13,346
Swordfish	9,768	7,983	13,464	10,535	10,232	11,509	12,442	14,211	13,160	20,391	12,369
Vermilion Snapper	4,620	6,256	7,786	11,571	9,303	8,058	6,406	13,961	12,955	13,746	9,466
Black Drum	3,038	3,768	4,174	6,802	5,336	5,453	5,685	5,685	5,937	5,903	5,178
Mullet - White Roe	6,377	3,133	2,406	4,095	6,044	3,772	4,701	1,534	3,161	1,717	3,694
Striped Mullet	2,342	5,137	2,826	2,425	2,450	2,699	1,550	1,656	6,406	7,670	3,516
Greater Amberjack	2,673	3,061	3,020	4,104	5,212	3,063	2,556	2,888	2,918	3,937	3,343
Sheepshead	3,124	2,436	2,643	3,881	2,583	2,801	2,171	2,791	3,189	2,905	2,852
Yellowedge Grouper	2,298	1,147	2,054	1,602	1,936	2,757	3,174	2,560	4,802	5,737	2,807
Escolar	2,343	2,091	2,377	2,789	3,923	1,990	2,265	3,189	2,116	3,176	2,626
Spotted Seatrout	1,549	7,298	4,770	2,425	1,987	3,390	681	2,210	1,462	250	2,602
Bull Shark	.	74	77	5,226	1,322	1,090	3,008	4,594	4,340	3,413	2,572
Silky Shark	2,353	.	.	.	.	.	.	.	.	.	2,353
Goldface Tilefish	297	1,037	656	1,519	3,478	1,739	3,190	2,436	3,066	3,221	2,064

Table G.8 Average Landings of Saltwater Finfish per Saltwater Finfish Fisherman by Species, 2000 – 2009 (Continued)

Species	Landings of Saltwater Finfish Per Fisherman (in Pounds)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Bluefin Tuna	1,582	1,200	1,774	1,940	3,536	2,929	1,381	2,088	1,993	2,013	2,044
Sandbar Shark	77	30	7,989	.	1,773	.	.	.	265	.	2,027
Blue Runner	1,358	1,321	2,411	2,742	3,417	2,420	1,171	2,350	1,204	1,437	1,983
Spinner Shark	.	.	.	992	.	.	1,596	641	4,668	1,416	1,863
Florida Pompano	870	1,468	1,253	1,457	1,129	460	1,831	2,085	655	3,771	1,498
Lesser Amberjack	839	1,103	2,837	1,986	1,532	1,592	678	1,440	1,418	184	1,361
Blue Shark	481	78	.	4,440	.	.	.	.	461	859	1,264
Warsaw Grouper	804	811	1,433	1,230	911	1,012	1,350	985	1,270	1,530	1,133
Wahoo	879	913	853	1,004	1,297	1,152	1,465	1,100	984	1,611	1,126
Oilfish	1,481	1,427	1,719	1,387	2,548	1,048	524	496	163	319	1,111
Bigeye Tuna	1,080	441	1,118	812	619	898	1,751	1,558	803	1,392	1,047
Dolphin	672	1,113	828	730	1,544	454	624	1,703	884	1,410	996
Scamp	603	487	686	784	699	904	634	1,378	1,678	1,669	952
Dogfish Unclassified	610	.	.	.	1,161	.	.	.	.	.	885
Black Driftfish	1,586	964	809	611	2,097	521	376	909	669	266	881
Gray Snapper	276	387	552	680	798	875	649	918	1,592	1,334	806
Little Tunny	1,450	834	1,022	624	567	338	749	773	953	634	794
Spadefish	1,540	51	441	356	616	912	119	488	1,986	1,154	766
Tilefish	1,756	1,725	1,547	245	82	248	24	295	693	53	667
Small Coastal Sharks Uncl	.	.	.	.	645	.	.	.	.	.	645
Bar Jack	272	393	514	397	492	430	305	1,016	1,236	1,073	613
Gag Grouper	501	356	476	399	366	532	366	890	964	886	574
Albacore Tuna	323	212	515	350	625	437	490	978	525	1,254	571

Table G.8 Average Landings of Saltwater Finfish per Saltwater Finfish Fisherman by Species, 2000 – 2009 (Continued)

Species	Landings of Saltwater Finfish Per Fisherman (in Pounds)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Snowy Grouper	361	219	362	344	331	561	547	853	1,069	836	548
Almaco Jack	458	825	566	431	414	338	275	680	690	791	547
Knobbed Porgy	16	36	43	29	4,160	32	58	28	352	687	544
Gray Triggerfish	679	535	752	669	508	346	301	590	352	304	504
Sharks Unclassified	196	348	193	762	590	915	.	.	.	.	501
Whiting	549	471	374	447	828	531	319	263	349	414	455
Red Porgy	179	146	203	274	200	246	286	836	790	786	395
Queen Snapper	340	682	279	112	108	277	16	235	1,080	661	379
Blackfin Tuna	497	575	503	349	410	476	283	280	288	121	378
Lemon Shark	.	250	382	381	.	.	.	.	.	461	368
Shortfin Mako	236	313	250	262	327	412	223	396	250	556	323
Gafftopsail Catfish	188	831	339	31	219	.	.	.	.	.	322
White Trout	412	299	318	275	240	246	465	344	324	270	319
Hammerhead Shark	.	.	.	.	.	.	.	.	204	424	314
Rudderfish	151	10	.	695	140	225	.	.	.	602	304
Silk Snapper	450	426	369	303	257	228	201	158	292	234	292
Moray Eel	.	.	.	.	.	.	276	.	.	.	276
Longfin Mako	377	308	230	183	.	.	.	.	.	.	274
Porbeagle Shark	.	.	464	81	.	.	.	.	.	.	272
Atlantic Bonito	122	795	.	.	.	.	.	48	188	136	258
Croaker	203	234	124	220	135	176	262	412	372	439	258
Lane Snapper	197	177	275	427	429	334	321	159	99	111	253
Flounder	248	165	163	196	209	133	324	274	310	417	244
Yellowfin Grouper	289	90	327	175	179	234	86	386	351	256	237

Table G.8 Average Landings of Saltwater Finfish per Saltwater Finfish Fisherman by Species, 2000 – 2009 (Continued)

Species	Landings of Saltwater Finfish Per Fisherman (in Pounds)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Black Snapper	765	515	512	64	158	79	94	45	71	13	232
Skipjack Tuna	499	82	.	122	191	204	.	.	.	.	219
Marbled Grouper	88	124	108	109	130	141	87	322	585	498	219
Ocean Triggerfish	.	15	.	.	759	14	74	.	.	.	216
Blacknose Shark	.	.	.	.	.	.	.	.	215	.	215
Finetooth Shark	17	.	.	.	.	.	.	.	293	274	195
Spanish Mackerel	140	193	157	182	178	77	234	198	262	315	194
Cobia	297	238	240	160	142	155	167	120	183	200	190
Spot	570	.	.	10	61	198	310	171	99	95	189
Black Grouper	269	301	245	261	224	188	49	53	95	158	184
Red Grouper	76	689	527	52	220	79	15	49	49	25	178
Barracuda	46	82	59	552	364	277	59	41	150	59	169
Opah	184	304	80	428	166	78	69	147	175	47	168
Yellowmouth Grouper	137	58	112	98	89	87	7	411	292	247	154
Banded Rudderfish	31	110	108	46	57	6	.	68	776	.	150
Hardhead Catfish	.	.	.	.	.	50	.	160	.	241	150
Hake	189	71	121	67	76	143	130	99	311	146	135
Grunts	86	92	404	156	27	20	.	.	.	.	131
Dog Snapper	.	44	39	.	450	97	.	.	19	17	111
Bulleye	143	.	52	.	.	.	.	.	.	.	98
Bluefish	70	98	63	106	165	73	62	38	202	39	91
Cubera Snapper	97	77	81	116	86	61	120	53	103	111	90
Wenchman	88	65	84	28	10	27	4	475	6	.	87
Thresher Sharks	.	.	79	.	.	.	.	.	.	.	79

Table G.8 Average Landings of Saltwater Finfish per Saltwater Finfish Fisherman by Species, 2000 – 2009 (Continued)

Species	Landings of Saltwater Finfish Per Fisherman (in Pounds)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Creole Fish	198	61	57	195	107	34	17	25	14	.	79
Nassau Grouper	78	.	.	.	.	.	.	.	.	.	78
Whitebone Porgy	60	108	96	87	75	82	31	72	46	104	76
Mutton Snapper	20	322	76	59	18	21	9	.	.	.	75
Stingrays Unclassified	.	62	26	133	10	106	.	76	.	98	73
Queen Triggerfish	27	143	181	33	66	50	8	.	.	.	72
Pomfrets	.	68	.	.	.	.	.	.	.	.	68
Tripletail	74	92	59	70	52	17	111	69	35	89	67
Tiger Shark	.	10	12	.	.	.	.	.	32	172	57
Blackfin Snapper	15	34	92	40	37	23	20	44	154	104	56
Jack Cravelle	.	36	39	22	40	.	143	5	75	82	55
Bearded Brotnla	55	82	37	41	20	9	136	48	12	.	49
Crimson Rover	45	.	.	.	.	.	.	.	.	.	45
Spotted Scorpionfish	27	256	26	6	.	2	4	.	11	3	42
Blackline Tilefish	.	.	25	.	.	.	.	.	.	58	42
Bigeye	24	29	27	27	64	29	75	81	26	19	40
Bigeye Unclassified	44	51	53	113	69	13	3	2	9	.	39
Speckled Hind	23	27	35	37	38	47	27	50	58	49	39
Horse-Eye Jack	17	33	40	55	40	17	62	.	.	31	37
Misty Grouper	31	24	.	19	.	139	21	24	25	9	36
Spiny Cheek Scorpionfish	55	29	45	29	35	24	43	30	40	26	36
Chubs	14	60	30	66	24	10	.	.	.	.	34
Red Hind	21	38	26	27	45	25	16	22	31	55	31
Longtail Bass	35	27	22	27	40	33	20	33	33	26	30

Table G.8 Average Landings of Saltwater Finfish per Saltwater Finfish Fisherman by Species, 2000 – 2009 (Continued)

Species	Landings of Saltwater Finfish Per Fisherman (in Pounds)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Rainbow Runner	22	29	43	75	32	26	10	17	3	.	29
African Pompano	26	40	20	9	79	.	.	3	.	23	28
Night Shark	.	.	.	28	.	.	.	.	.	.	28
Angelfish	40	.	.	4	38	.	.	.	.	.	27
Conger Eel	9	.	.	40	.	.	.	.	.	.	25
Blueline Tilefish	46	11	.	.	16	.	.	.	26	20	24
Yellowtail Snapper	24	5	19	96	13	6	7	17	9	28	22
Black Jack	32	27	22	7	41	.	4	.	.	.	22
Puffers	.	.	21	.	.	.	.	.	.	.	21
Rock Hind	22	7	15	30	22	20	4	43	20	.	20
Jolthead Porgy	11	6	51	3	20	41	17	6	.	.	19
Dusky Shark	.	.	18	.	.	.	.	.	.	.	18
Soapfish	6	32	.	11	.	.	.	.	.	.	16
Mahogany Snapper	11	9	13	8	.	.	.	8	30	7	12
Sand Tiger Shark	12	.	.	.	.	.	.	.	.	.	12
Squirrelfish	24	10	18	23	13	6	2	6	2	.	11
Pinfish	10	.	.	.	10	.	.	.	.	.	10
Moonfish	10	.	.	.	.	.	.	.	.	.	10
Sand Tilefish	17	.	.	10	13	2	2	.	7	.	8
Black Seabass	.	.	.	2	16	5	.	.	.	.	8
Scorpionfish	7	14	5	2	2	10	.	.	.	.	7
Spanish Flag	4	.	.	4	.	.	.	.	.	.	4
Longsnout Scorpionfish	5	.	.	2	1	3	.	.	.	.	3
Parrotfish	3	2	2	1	1	2	3	1	1	.	2
Unknown Saltwater Finfish	164	73	83	127	77	90	19	5,853	16	3	651

Note: The average landings per finfish fisherman for a species was calculated by dividing the landings of that species by the number of fishermen who reported that they harvested the species.

Table G.9 Average Nominal Dockside Values of Saltwater Finfish per Saltwater Finfish Fisherman by Species, 2000 – 2009

Species	Average Nominal Values of Saltwater Finfish Per Fisherman (in \$)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Menhaden	821,853	803,426	1,091,291	1,013,660	927,597	660,823	902,457	1,118,053	1,351,779	1,182,083	987,302
Yellowfin Tuna	113,660	93,129	130,949	126,299	180,262	121,926	137,587	178,867	107,444	163,270	135,339
Red Snapper	48,854	48,274	45,376	42,130	37,128	41,451	62,971	61,675	64,332	72,844	52,503
Swordfish	19,626	16,823	28,141	20,171	23,363	24,318	24,416	26,835	24,987	37,480	24,616
Vermilion Snapper	8,527	11,577	13,474	20,833	16,802	15,518	13,373	26,777	26,223	26,851	17,996
King Mackerel	12,392	13,103	12,451	11,251	13,432	19,908	20,223	24,028	27,883	19,002	17,367
Mullet - Red Roe	16,977	9,616	8,961	10,556	14,550	13,318	15,308	6,314	9,682	2,115	10,740
Bluefin Tuna	9,424	6,033	8,438	9,330	13,982	12,255	5,354	9,602	8,749	7,458	9,063
Yellowedge Grouper	5,959	2,830	5,224	4,046	4,781	6,930	8,387	7,679	15,563	17,863	7,926
Florida Pompano	3,255	4,509	4,661	5,273	4,310	1,506	6,068	6,900	2,075	11,073	4,963
Spotted Seatrout	2,643	14,518	8,860	4,738	3,875	6,686	1,356	3,141	2,201	345	4,836
Blacktip Shark	11,149	8,683	2,938	2,073	1,506	1,730	3,430	4,941	4,223	2,458	4,313
Bigeye Tuna	4,047	1,717	4,598	2,489	2,106	3,873	6,001	3,995	1,579	5,337	3,574
Black Drum	1,826	1,871	2,165	3,749	3,180	3,998	4,039	4,295	4,499	4,474	3,410
Greater Amberjack	3,029	2,926	3,081	3,430	4,096	2,776	2,676	3,337	3,742	4,367	3,346
Goldface Tilefish	281	1,749	1,006	2,183	4,588	2,593	4,590	3,443	4,833	4,579	2,984
Butterfish	0	0	0	0	0	0	0	28,754	0	0	2,875
Scamp	1,389	1,109	1,603	1,925	1,711	2,227	1,609	3,548	4,734	4,591	2,444
Warsaw Grouper	1,417	1,428	2,535	2,246	1,677	1,880	2,643	1,811	2,701	2,901	2,124
Escolar	1,963	1,527	1,573	1,783	2,375	1,187	1,522	2,297	1,500	2,227	1,795
Lesser Amberjack	959	1,083	2,659	1,900	1,486	1,814	778	1,856	1,918	212	1,467
Gray Snapper	495	651	991	1,256	1,566	1,641	1,342	1,756	2,638	2,061	1,440

**Table G.9 Average Nominal Dockside Values of Saltwater Finfish per Saltwater Finfish Fisherman by Species, 2000 – 2009
(Continued)**

Species	Average Nominal Values of Saltwater Finfish Per Fisherman (in \$)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Gag Grouper	1,132	770	1,078	922	866	1,274	904	2,139	2,723	2,358	1,417
Snowy Grouper	715	466	734	720	695	1,223	1,183	1,954	2,896	1,963	1,255
Black Driftfish	2,130	1,595	1,081	890	2,876	696	506	1,228	895	361	1,226
Wahoo	916	966	798	952	1,202	1,106	1,253	951	883	1,383	1,041
Tilefish	2,664	2,694	2,272	413	68	360	21	576	998	72	1,014
Striped Mullet	676	1,234	305	513	474	639	286	505	2,879	2,622	1,013
Dolphin	690	1,011	703	696	1,407	476	554	1,562	817	1,206	912
Croaker	121	285	230	511	407	508	961	1,658	1,785	2,172	864
Blue Runner	583	525	921	1,068	1,280	1,027	624	1,252	534	716	853
Oilfish	1,356	1,191	1,109	842	1,704	693	389	439	159	357	824
Sheepshead	727	588	543	979	598	648	748	740	940	1,022	753
Queen Snapper	609	1,226	485	190	197	474	22	476	2,218	1,255	715
Bull Shark	0	25	31	834	190	314	804	1,311	1,785	960	625
Gray Triggerfish	780	596	841	725	541	359	321	590	380	334	547
Yellowfin Grouper	586	163	678	346	390	553	203	882	853	670	532
Silk Snapper	802	604	620	535	462	430	359	303	560	464	514
Almaco Jack	456	809	504	299	318	278	258	634	694	761	501
Bar Jack	254	294	433	335	321	284	205	794	1,165	816	490
Lane Snapper	377	337	526	698	693	643	629	331	223	247	470
Marbled Grouper	160	202	201	216	272	288	179	687	1,269	1,025	450
Black Grouper	562	676	578	613	548	472	120	110	277	301	426
Black Snapper	1,431	858	843	95	272	138	175	70	133	21	404
Red Porgy	179	145	210	269	188	235	259	775	748	755	376

**Table G.9 Average Nominal Dockside Values of Saltwater Finfish per Saltwater Finfish Fisherman by Species, 2000 – 2009
(Continued)**

Species	Average Nominal Values of Saltwater Finfish Per Fisherman (in \$)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Yellowmouth Grouper	269	119	208	212	238	190	18	945	658	608	347
Cobia	502	397	409	275	246	272	301	235	374	446	346
Albacore Tuna	362	89	226	168	291	158	172	379	178	1,256	328
Spadefish	541	13	175	142	246	389	51	198	805	614	317
Flounder	311	169	160	211	233	185	434	381	447	629	316
White Trout	432	309	342	307	224	233	433	280	250	259	307
Little Tunny	577	292	396	220	219	119	289	298	381	225	302
Red Grouper	131	1,169	735	103	275	153	31	105	92	54	285
Sandbar Shark	0	10	2,278	0	421	0	0	0	115	0	282
Mullet - White Roe	559	186	194	254	363	221	266	222	180	265	271
Spinner Shark	0	0	0	0	0	0	200	0	1,863	394	246
Shortfin Mako	193	270	182	184	230	289	162	302	188	405	240
Knobbed Porgy	16	27	44	28	760	10	59	27	397	804	217
Opah	178	313	98	605	186	94	66	183	336	68	213
Blue Shark	256	33	0	1,414	0	0	0	0	162	247	211
Jellyfish	0	0	0	1,872	0	0	0	0	0	0	187
Whiting	196	149	127	148	448	199	129	103	135	131	176
Rudderfish	66	9	0	442	53	134	0	0	0	875	158
Dog Snapper	0	88	69	0	983	174	0	0	55	34	140
Lemon Shark	0	323	486	419	0	0	0	0	0	125	135
Cubera Snapper	104	87	141	199	133	108	151	89	173	153	134
Hake	207	69	117	65	77	161	119	91	292	136	133
Spanish Mackerel	85	125	93	109	126	49	205	152	168	219	133

**Table G.9 Average Nominal Dockside Values of Saltwater Finfish per Saltwater Finfish Fisherman by Species, 2000 – 2009
(Continued)**

Species	Average Nominal Values of Saltwater Finfish Per Fisherman (in \$)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Blackfin Tuna	159	176	160	116	122	148	87	89	79	46	118
Mutton Snapper	35	745	109	102	29	27	16	0	0	0	106
Blackfin Snapper	20	55	162	68	67	42	41	82	318	196	105
Sharks Unclassified	82	45	75	254	236	345	0	0	0	0	104
Ocean Triggerfish	0	21	0	0	840	11	91	0	0	0	96
Barracuda	35	35	36	275	221	146	31	11	126	38	95
Longfin Mako	295	235	173	134	0	0	0	0	0	0	84
Skipjack Tuna	188	31	0	529	57	26	0	0	0	0	83
Speckled Hind	40	46	64	70	70	90	59	93	148	112	79
Banded Rudderfish	30	34	62	18	43	1	0	91	435	0	71
Misty Grouper	62	45	0	38	0	382	48	50	55	17	70
Grunts	49	61	459	48	11	6	0	0	0	0	63
Spot	111	0	0	5	34	132	105	102	60	56	60
Whitebone Porgy	59	64	72	46	47	46	17	33	57	131	57
Red Hind	37	70	48	43	77	45	26	39	65	117	57
Tripletail	55	55	43	49	41	15	108	62	32	81	54
Creole Fish	188	47	38	129	55	21	8	15	24	0	52
Queen Triggerfish	27	166	193	13	74	30	9	0	0	0	51
Yellowtail Snapper	46	11	25	212	25	12	11	42	23	67	47
Bearded Brotula	57	95	39	42	17	8	134	49	22	0	46
Spotted Scorpionfish	26	384	25	8	0	2	4	0	11	3	46
Gafftopsail Catfish	35	175	37	16	190	0	0	0	0	0	45
Spiny Cheek Scorpionfish	66	33	46	30	34	22	43	35	41	25	37

**Table G.9 Average Nominal Dockside Values of Saltwater Finfish per Saltwater Finfish Fisherman by Species, 2000 – 2009
(Continued)**

Species	Average Nominal Values of Saltwater Finfish Per Fisherman (in \$)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Bulleye	284	0	50	0	0	0	0	0	0	0	33
Bluefish	43	38	18	28	58	22	18	10	82	16	33
Rock Hind	30	11	25	58	27	35	7	82	42	0	32
Atlantic Bonito	31	142	0	0	0	0	0	15	67	41	30
Wenchman	58	93	60	19	7	20	6	24	9	0	30
Longtail Bass	34	26	21	26	39	34	19	32	35	30	30
Bigeye Unclassified	52	60	51	54	34	7	1	2	16	0	28
Bigeye	25	25	24	20	54	14	38	20	30	16	27
Dogfish Unclassified	0	0	0	0	251	0	0	0	0	0	25
Finetooth Shark	6	0	0	0	0	0	0	0	172	69	25
Moray Eel	0	0	0	0	0	0	221	0	0	0	22
Jack Cravelle	0	11	21	9	16	0	72	2	25	64	22
Hammerhead Shark	0	0	0	0	0	0	0	0	66	115	18
African Pompano	9	12	14	4	111	0	0	11	0	15	18
Mahogany Snapper	18	11	15	14	0	0	0	14	83	15	17
Rainbow Runner	12	17	31	39	16	10	5	16	5	0	15
Nassau Grouper	144	0	0	0	0	0	0	0	0	0	14
Horse-Eye Jack	14	8	15	24	18	6	33	0	0	23	14
Porbeagle Shark	0	0	100	32	0	0	0	0	0	0	13
Stingrays Unclassified	0	10	5	22	2	32	0	27	0	29	13
Blackline Tilefish	0	0	22	0	0	0	0	0	0	87	11
Hardhead Catfish	0	0	0	0	0	35	0	0	0	72	11
Jolthead Porgy	13	5	6	3	21	38	17	5	0	0	11

**Table G.9 Average Nominal Dockside Values of Saltwater Finfish per Saltwater Finfish Fisherman by Species, 2000 – 2009
(Continued)**

Species	Average Nominal Values of Saltwater Finfish Per Fisherman (in \$)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Chubs	11	24	32	13	11	2	0	0	0	0	9
Small Coastal Sharks Uncl	0	0	0	0	93	0	0	0	0	0	9
Blacknose Shark	0	0	0	0	0	0	0	0	90	0	9
Blueline Tilefish	39	7	0	0	7	0	0	0	18	20	9
Pomfrets	0	82	0	0	0	0	0	0	0	0	8
Black Jack	20	20	9	3	17	0	3	0	0	0	7
Tiger Shark	0	2	6	0	0	0	0	0	12	43	6
Soapfish	9	39	0	5	0	0	0	0	0	0	5
Squirrelfish	13	4	8	10	6	3	4	3	2	0	5
Scorpionfish	8	15	5	3	2	12	0	0	0	0	4
Crimson Rover	43	0	0	0	0	0	0	0	0	0	4
Conger Eel	5	0	0	36	0	0	0	0	0	0	4
Thresher Sharks	0	0	33	0	0	0	0	0	0	0	3
Sand Tilefish	12	0	0	6	6	2	1	0	6	0	3
Angelfish	16	0	0	2	13	0	0	0	0	0	3
Parrotfish	4	2	2	1	1	2	3	1	1	0	2
Black Seabass	0	0	0	2	8	3	0	0	0	0	1
Longsnout Scorpionfish	8	0	0	2	1	2	0	0	0	0	1
Pinfish	6	0	0	0	3	0	0	0	0	0	1
Puffers	0	0	9	0	0	0	0	0	0	0	1
Night Shark	0	0	0	8	0	0	0	0	0	0	1
Moonfish	7	0	0	0	0	0	0	0	0	0	1
Dusky Shark	0	0	6	0	0	0	0	0	0	0	1

**Table G.9 Average Nominal Dockside Values of Saltwater Finfish per Saltwater Finfish Fisherman by Species, 2000 – 2009
(Continued)**

Species	Average Nominal Values of Saltwater Finfish Per Fisherman (in \$)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Spanish Flag	2	0	0	2	0	0	0	0	0	0	0
Sand Tiger Shark	0	0	0	0	0	0	0	0	0	0	0
Silky Shark	0	0	0	0	0	0	0	0	0	0	0
Unknown Saltwater Finfish	123	45	55	106	33	29	14	30	11	2	45

Note: The average value per finfish fisherman for a species was calculated by dividing the value of that species by the number of fishermen who reported that they harvested the species.

Table G.10 Average Real Dockside Values of Saltwater Finfish per Saltwater Finfish Fisherman by Species, 2000 – 2009

Species	Average Real Dockside Values of Saltwater Finfish Per Fisherman (in 2005 Dollar)										Average
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
Menhaden	923,430	882,886	1,186,185	1,078,361	956,286	660,823	876,172	1,054,767	1,240,164	1,074,621	993,370
Yellowfin Tuna	127,708	102,340	142,336	134,360	185,838	121,926	133,580	168,742	98,572	148,428	136,383
Red Snapper	54,892	53,048	49,322	44,820	38,276	41,451	61,137	58,184	59,021	66,222	52,637
Swordfish	22,051	18,487	30,588	21,459	24,085	24,318	23,705	25,316	22,924	34,073	24,701
Vermilion Snapper	9,581	12,722	14,646	22,163	17,321	15,518	12,983	25,261	24,058	24,410	17,866
King Mackerel	13,924	14,399	13,533	11,969	13,848	19,908	19,634	22,668	25,580	17,275	17,274
Mullet - Red Roe	19,076	10,567	9,740	11,229	15,000	13,318	14,862	5,957	8,883	1,923	11,056
Bluefin Tuna	10,589	6,629	9,172	9,926	14,414	12,255	5,198	9,059	8,027	6,780	9,205
Yellowedge Grouper	6,696	3,110	5,678	4,304	4,929	6,930	8,142	7,244	14,278	16,239	7,755
Spotted Seatrout	2,970	15,954	9,631	5,040	3,995	6,686	1,317	2,963	2,019	314	5,089
Florida Pompano	3,658	4,955	5,066	5,609	4,443	1,506	5,892	6,509	1,903	10,067	4,961
Blacktip Shark	12,526	9,542	3,193	2,205	1,553	1,730	3,330	4,661	3,874	2,235	4,485
Bigeye Tuna	4,548	1,887	4,998	2,648	2,171	3,873	5,826	3,769	1,449	4,852	3,602
Black Drum	2,052	2,056	2,353	3,988	3,278	3,998	3,922	4,051	4,127	4,068	3,389
Greater Amberjack	3,403	3,216	3,349	3,648	4,223	2,776	2,598	3,148	3,433	3,970	3,376
Goldface Tilefish	316	1,922	1,094	2,323	4,730	2,593	4,456	3,248	4,434	4,162	2,928
Butterfish	0	0	0	0	0	0	0	27,126	0	0	2,713
Scamp	1,561	1,218	1,742	2,048	1,764	2,227	1,562	3,347	4,343	4,173	2,399
Warsaw Grouper	1,592	1,570	2,755	2,389	1,729	1,880	2,566	1,709	2,478	2,637	2,130
Escolar	2,206	1,678	1,709	1,897	2,449	1,187	1,478	2,167	1,376	2,025	1,817
Lesser Amberjack	1,077	1,190	2,890	2,021	1,532	1,814	755	1,751	1,760	193	1,498

**Table G.10 Average Real Dockside Values of Saltwater Finfish per Saltwater Finfish Fisherman by Species, 2000 – 2009
(Continued)**

Species	Average Real Dockside Values of Saltwater Finfish Per Fisherman (in 2005 Dollar)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Gray Snapper	556	716	1,078	1,336	1,615	1,641	1,303	1,657	2,420	1,873	1,419
Gag Grouper	1,272	846	1,172	981	893	1,274	878	2,018	2,498	2,144	1,397
Black Driftfish	2,393	1,753	1,175	947	2,965	696	492	1,159	821	329	1,273
Snowy Grouper	804	512	798	765	716	1,223	1,148	1,843	2,657	1,785	1,225
Tilefish	2,993	2,960	2,470	439	70	360	21	544	916	66	1,084
Wahoo	1,029	1,062	867	1,012	1,240	1,106	1,217	897	810	1,257	1,050
Striped Mullet	759	1,356	332	546	489	639	277	476	2,641	2,383	990
Dolphin	775	1,111	764	740	1,450	476	538	1,473	750	1,097	918
Oilfish	1,523	1,308	1,205	896	1,757	693	378	415	146	325	864
Blue Runner	655	577	1,001	1,136	1,320	1,027	605	1,181	490	651	864
Croaker	136	314	251	544	419	508	933	1,564	1,638	1,974	828
Sheepshead	817	646	590	1,041	617	648	726	698	862	929	757
Queen Snapper	684	1,347	527	202	203	474	21	449	2,035	1,141	708
Bull Shark	0	27	33	887	196	314	781	1,237	1,637	873	599
Gray Triggerfish	876	655	915	771	558	359	312	557	348	304	565
Yellowfin Grouper	659	179	737	368	402	553	197	832	783	609	532
Silk Snapper	902	664	674	569	476	430	348	286	514	422	528
Almaco Jack	512	889	548	318	328	278	250	598	637	692	505
Lane Snapper	423	370	572	743	715	643	610	313	205	224	482
Bar Jack	286	323	470	357	331	284	199	749	1,068	742	481
Black Grouper	632	743	628	652	565	472	117	104	254	274	444
Black Snapper	1,608	943	916	101	281	138	170	66	122	19	436
Marbled Grouper	180	222	219	230	281	288	174	648	1,164	932	434

**Table G.10 Average Real Dockside Values of Saltwater Finfish per Saltwater Finfish Fisherman by Species, 2000 – 2009
(Continued)**

Species	Average Real Dockside Values of Saltwater Finfish Per Fisherman (in 2005 Dollar)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Red Porgy	201	160	228	287	194	235	251	731	686	687	366
Cobia	564	437	444	293	253	272	293	222	343	405	353
Yellowmouth Grouper	302	131	226	226	246	190	17	892	604	552	338
Albacore Tuna	407	98	245	179	300	158	167	358	163	1,142	322
Spadefish	608	14	190	151	254	389	50	187	739	558	314
White Trout	486	339	371	326	231	233	420	265	229	236	314
Flounder	349	185	174	225	240	185	421	359	410	572	312
Little Tunny	648	321	431	234	226	119	281	281	350	205	309
Red Grouper	147	1,284	799	109	283	153	31	99	85	49	304
Sandbar Shark	0	11	2,476	0	434	0	0	0	105	0	303
Mullet - White Roe	628	204	211	270	375	221	258	209	165	241	278
Shortfin Mako	217	296	197	195	237	289	157	285	172	368	241
Spinner Shark	0	0	0	0	0	0	194	0	1,709	358	226
Blue Shark	288	36	0	1,504	0	0	0	0	149	225	220
Opah	200	343	106	643	192	94	64	172	308	61	218
Knobbed Porgy	18	30	48	30	784	10	57	25	364	731	209
Jellyfish	0	0	0	1,992	0	0	0	0	0	0	199
Whiting	220	164	138	157	462	199	125	97	124	119	181
Rudderfish	74	10	0	470	54	134	0	0	0	795	154
Lemon Shark	0	355	529	446	0	0	0	0	0	113	144
Dog Snapper	0	97	75	0	1,014	174	0	0	50	31	144
Cubera Snapper	117	95	154	212	137	108	146	84	159	139	135
Hake	233	76	127	69	79	161	115	86	267	124	134

**Table G.10 Average Real Dockside Values of Saltwater Finfish per Saltwater Finfish Fisherman by Species, 2000 – 2009
(Continued)**

Species	Average Real Dockside Values of Saltwater Finfish Per Fisherman (in 2005 Dollar)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Spanish Mackerel	96	138	101	116	130	49	199	144	155	199	133
Blackfin Tuna	178	193	174	123	126	148	85	84	72	42	123
Mutton Snapper	40	818	119	109	30	27	16	0	0	0	116
Sharks Unclassified	93	49	81	270	244	345	0	0	0	0	108
Blackfin Snapper	22	61	176	72	69	42	39	77	292	179	103
Ocean Triggerfish	0	23	0	0	865	11	89	0	0	0	99
Barracuda	39	38	39	292	228	146	30	10	115	34	97
Longfin Mako	331	258	187	143	0	0	0	0	0	0	92
Skipjack Tuna	211	34	0	563	59	26	0	0	0	0	89
Speckled Hind	44	51	70	74	72	90	57	88	136	102	78
Misty Grouper	70	49	0	41	0	382	47	48	50	16	70
Grunts	55	67	498	51	11	6	0	0	0	0	69
Banded Rudderfish	34	38	68	19	44	1	0	86	399	0	69
Spot	125	0	0	6	35	132	102	97	55	50	60
Whitebone Porgy	67	71	78	49	49	46	16	31	52	119	58
Red Hind	42	77	52	46	79	45	26	37	59	106	57
Creole Fish	211	52	41	138	56	21	8	14	22	0	56
Queen Triggerfish	30	183	210	14	76	30	9	0	0	0	55
Tripletail	62	61	47	52	42	15	105	58	30	74	55
Spotted Scorpionfish	29	422	27	8	0	2	4	0	10	3	50
Yellowtail Snapper	52	12	27	225	26	12	11	40	21	60	49
Gafftopsail Catfish	39	192	40	17	196	0	0	0	0	0	48
Bearded Brotnla	64	105	42	44	18	8	130	46	20	0	48

**Table G.10 Average Real Dockside Values of Saltwater Finfish per Saltwater Finfish Fisherman by Species, 2000 – 2009
(Continued)**

Species	Average Real Dockside Values of Saltwater Finfish Per Fisherman (in 2005 Dollar)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Spiny Cheek Scorpionfish	75	36	50	32	35	22	42	33	37	23	38
Bulleye	319	0	54	0	0	0	0	0	0	0	37
Bluefish	49	42	20	29	60	22	18	9	75	15	34
Rock Hind	33	12	27	61	28	35	6	77	38	0	32
Wenchman	65	102	65	20	7	20	6	22	8	0	32
Atlantic Bonito	35	156	0	0	0	0	0	14	62	37	30
Longtail Bass	38	29	23	27	40	34	19	30	32	27	30
Bigeye Unclassified	59	66	56	58	35	7	1	2	14	0	30
Bigeye	28	27	26	21	56	14	37	18	28	15	27
Dogfish Unclassified	0	0	0	0	258	0	0	0	0	0	26
Finetooth Shark	7	0	0	0	0	0	0	0	157	63	23
Moray Eel	0	0	0	0	0	0	214	0	0	0	21
Jack Cravelle	0	12	23	9	16	0	69	2	23	58	21
African Pompano	10	14	16	4	115	0	0	10	0	13	18
Mahogany Snapper	20	12	16	15	0	0	0	13	76	13	17
Hammerhead Shark	0	0	0	0	0	0	0	0	61	104	16
Nassau Grouper	162	0	0	0	0	0	0	0	0	0	16
Rainbow Runner	13	19	34	41	17	10	5	15	4	0	16
Porbeagle Shark	0	0	109	34	0	0	0	0	0	0	14
Horse-Eye Jack	15	9	16	26	19	6	32	0	0	20	14
Stingrays Unclassified	0	11	6	24	2	32	0	25	0	27	13
Jolthead Porgy	15	5	7	3	21	38	17	5	0	0	11
Blackline Tilefish	0	0	24	0	0	0	0	0	0	79	10

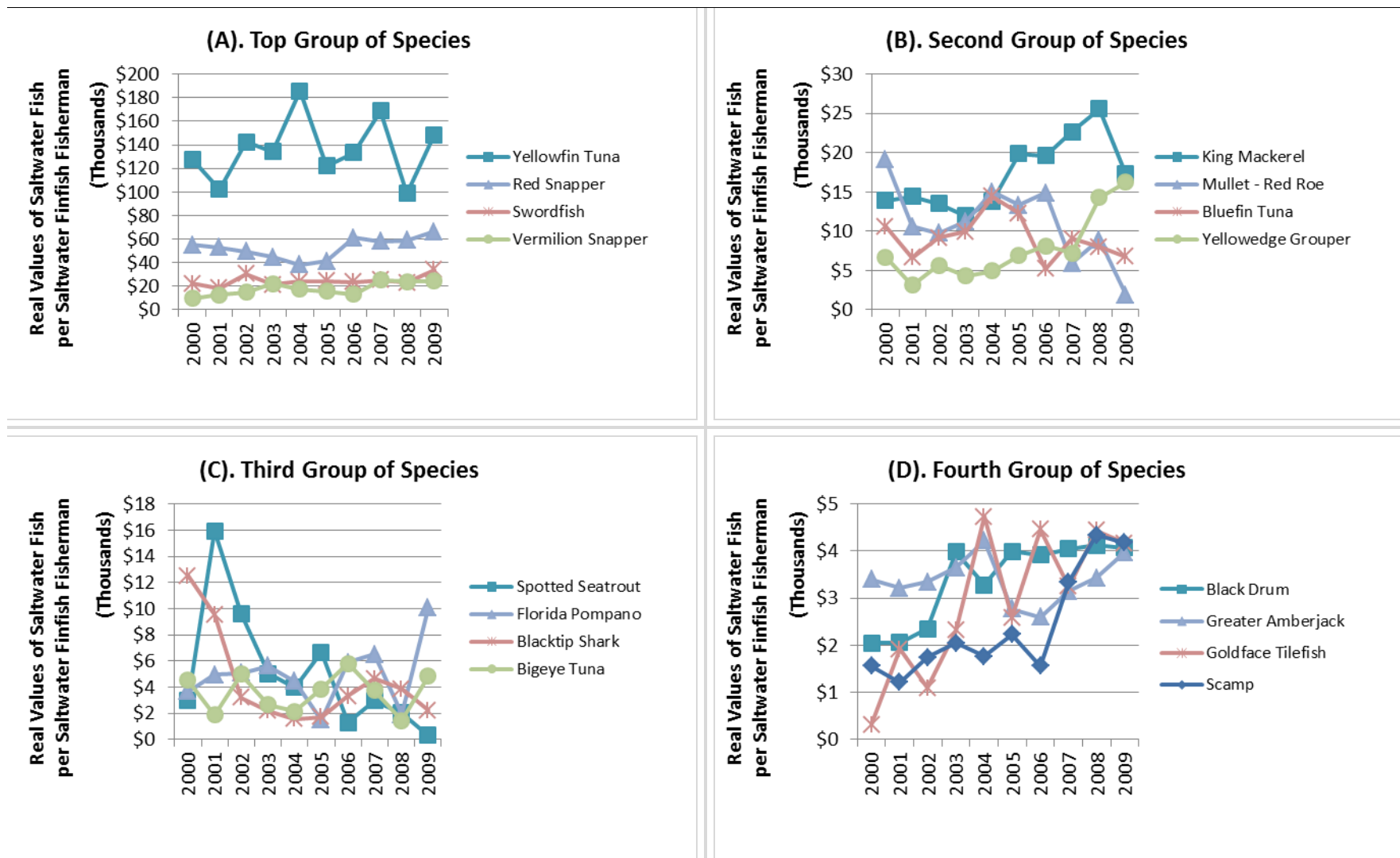
**Table G.10 Average Real Dockside Values of Saltwater Finfish per Saltwater Finfish Fisherman by Species, 2000 – 2009
(Continued)**

Species	Average Real Dockside Values of Saltwater Finfish Per Fisherman (in 2005 Dollar)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Chubs	12	26	35	14	11	2	0	0	0	0	10
Hardhead Catfish	0	0	0	0	0	35	0	0	0	66	10
Small Coastal Sharks Uncl	0	0	0	0	96	0	0	0	0	0	10
Blueline Tilefish	43	8	0	0	7	0	0	0	16	18	9
Pomfrets	0	90	0	0	0	0	0	0	0	0	9
Blacknose Shark	0	0	0	0	0	0	0	0	82	0	8
Black Jack	22	22	10	3	18	0	3	0	0	0	8
Tiger Shark	0	3	7	0	0	0	0	0	11	39	6
Soapfish	10	42	0	5	0	0	0	0	0	0	6
Squirrelfish	15	5	8	11	6	3	3	2	2	0	5
Crimson Rover	48	0	0	0	0	0	0	0	0	0	5
Scorpionfish	9	17	5	3	2	12	0	0	0	0	5
Conger Eel	6	0	0	38	0	0	0	0	0	0	4
Thresher Sharks	0	0	36	0	0	0	0	0	0	0	4
Sand Tilefish	13	0	0	6	6	2	1	0	6	0	3
Angelfish	18	0	0	2	13	0	0	0	0	0	3
Parrotfish	4	2	2	1	1	2	3	1	1	0	2
Black Seabass	0	0	0	2	8	3	0	0	0	0	1
Longsnout Scorpionfish	9	0	0	2	1	2	0	0	0	0	1
Pinfish	7	0	0	0	3	0	0	0	0	0	1
Puffers	0	0	9	0	0	0	0	0	0	0	1
Night Shark	0	0	0	9	0	0	0	0	0	0	1
Moonfish	8	0	0	0	0	0	0	0	0	0	1

**Table G.10 Average Real Dockside Values of Saltwater Finfish per Saltwater Finfish Fisherman by Species, 2000 – 2009
(Continued)**

Species	Average Real Dockside Values of Saltwater Finfish Per Fisherman (in 2005 Dollar)										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Average
Dusky Shark	0	0	7	0	0	0	0	0	0	0	1
Spanish Flag	3	0	0	2	0	0	0	0	0	0	0
Sand Tiger Shark	0	0	0	0	0	0	0	0	0	0	0
Silky Shark	0	0	0	0	0	0	0	0	0	0	0
Unknown Saltwater Finfish	138	49	60	113	34	29	14	29	10	2	48

Note: The average value per finfish fisherman for a species was calculated by dividing the value of that species by the number of fishermen who reported that they harvested the species.



Source: Appendix Table G.10. The average value of a species per fisher was calculated by dividing the value by the number of fishers who caught the species.

Figure G.3 Average Real Dockside Values of Saltwater (Non-Menhaden) Finfish per Saltwater Finfish Fisherman by Species, 2000 – 2009

Appendix H - Impacts of Hurricanes on Participation and Activities in Finfish Fishery

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Table H.1 Changes in the Number of Finfish Fishermen (by Species Type) following the 2005 and 2008 Hurricanes

Species	Number of Finfish Fishermen						Percent Change	
	2004	2005	2006	2007	2008	2009	(2004 – 2006)	(2007 – 2008)
Freshwater Fish	878	798	637	677	693	670	-27.4%	2.4%
Saltwater Fish	1,278	871	808	885	786	896	-36.8%	-11.2%
Total	2,011	1,554	1,365	1,474	1,395	1,484	-32.1%	-5.4%

Source: Appendix Table A.1.

Table H.2 Changes in the Number of Finfish Fishermen (by Parish of Residence) following the 2005 and 2008 Hurricanes

Effects of Katrina and Rita (2005)					Effects of Gustav and Ike (2008)				
Parish	Number of Fishermen			Percent Change (2004 – 2006)	Parish	Number of Fishermen			Percent Change (2007-2008)
	2004	2005	2006			2007	2008	2009	
Ascension ¹	12	10	5	-58.3%	Terrebonne ¹	102	65	74	-36.3%
Plaquemines ¹	328	198	137	-58.2%	St Charles ¹	34	24	21	-29.4%
Orleans ¹	59	48	25	-57.6%	St Bernard ¹	45	33	26	-26.7%
Pointe Coupee ¹	14	8	7	-50.0%	Pointe Coupee ¹	12	9	14	-25.0%
Tangipahoa ¹	14	9	7	-50.0%	Lafourche ¹	103	81	90	-21.4%
St Bernard ¹	62	22	33	-46.8%	Ascension ¹	6	5	8	-16.7%
St Charles ¹	41	37	23	-43.9%	St James ¹	14	12	12	-14.3%
Jefferson ¹	251	181	145	-42.2%	Orleans ¹	36	31	34	-13.9%
Terrebonne ¹	148	98	92	-37.8%	Plaquemines ¹	157	136	155	-13.4%
St James ¹	17	15	12	-29.4%	St Tammany ¹	41	40	53	-2.4%
Lafourche ¹	136	109	98	-27.9%	Jefferson ¹	168	174	206	3.6%
Iberville ¹	78	76	59	-24.4%	Assumption ¹	39	46	48	17.9%
West Baton Rouge ¹	4	6	4	0.0%	Tangipahoa ¹	9	11	16	22.2%
Assumption ¹	47	45	51	8.5%	Iberville ¹	52	68	56	30.8%
St Tammany ¹	14	18	18	28.6%	Livingston ¹	4	6	12	50.0%
Livingston ¹	4	5	7	75.0%	Beauregard ²	7	4	6	-42.9%
St Landry ²	43	38	27	-37.2%	Cameron ²	84	66	78	-21.4%
St Mary ²	160	132	111	-30.6%	Iberia ²	42	40	40	-4.8%
Jefferson Davis ²	7	4	5	-28.6%	Vermilion ²	28	29	27	3.6%
Cameron ²	86	54	78	-9.3%	St Martin ²	52	61	37	17.3%
Vermilion ²	28	21	26	-7.1%	St Mary ²	94	113	115	20.2%
Iberia ²	33	49	31	-6.1%	St Landry ²	26	38	25	46.2%

Table H.2 Changes in the Number of Finfish Fishermen (by Parish of Residence) following the 2005 and 2008 Hurricanes (Continued)

Katrina and Rita (2005)					Gustav and Ike (2008)				
Parish	Number of Fishermen			Percent Change (2004 – 2006)	Parish	Number of Fishermen			Percent Change (2007-2008)
	2004	2005	2006			2007	2008	2009	
Lafayette ²	5	8	5	0.0%	Calcasieu ²	35	54	57	54.3%
St Martin ²	49	62	55	12.2%	Avoyelles ³	58	45	46	-22.4%
Beauregard ²	4	4	5	25.0%	Catahoula ³	9	9	14	0.0%
Calcasieu ²	33	36	47	42.4%	Union ³	6	6	6	0.0%
Sabine ³	7	4	4	-42.9%	Caddo ³	7	8	6	14.3%
Caddo ³	9	5	6	-33.3%	Concordia ³	14	16	23	14.3%
Concordia ³	23	16	19	-17.4%	Out of Louisiana	93	76	88	-18.3%
Avoyelles ³	50	58	52	4.0%	Unspecified	13	18	23	38.5%
Catahoula ³	9	7	11	22.2%	-	-	-	-	-
Rapides ³	8	11	10	25.0%	-	-	-	-	-
Out of Louisiana	143	89	86	-39.9%	-	-	-	-	-
Unspecified	25	19	14	-44.0%	-	-	-	-	-
Total	2,011	1,554	1,365	-32.1%	Total	1,474	1,395	1484	-5.4%

Source: Computed from Appendix Table A.3. **Note:** All entries violating Louisiana's confidentiality laws are hyphenated or excluded. Superscripts 1, 2 and 3 on the parishes mean Regions 1, 2 and 3. Region 1 includes parishes on the eastside of Atchafalaya Basin, while Regions 2 and 3 include parishes lying on the west and north of Atchafalaya Basin, respectively. Entries in the individual regions are sorted by the correspondent percent changes.

Table H.3 Changes in the Number of Finfish Fishermen (by Region of Residence) following the 2005 and 2008 Hurricanes

Region	Effects of Katrina and Rita (2005)				Effects of Gustav and Ike (2008)			
	Number of Fishermen			Percent Change (2004 – 2006)	Number of Fishermen			Percent Change (2007 – 2008)
	2004	2005	2006		2007	2008	2009	
East of Atchafalaya Basin	1,245	898	734	-41.0%	838	757	841	-9.7%
West of Atchafalaya Basin	456	413	394	-13.6%	390	419	402	7.4%
North of Atchafalaya Basin	142	135	137	-3.5%	140	125	130	-10.7%
Out of Louisiana	143	89	86	-39.9%	93	76	88	-18.3%
Unspecified	25	19	14	-44.0%	13	18	23	38.5%
Total	2,011	1,554	1,365	-32.1%	1,474	1,395	1,484	-5.4%

Source: Computed from Appendix Table H.2.

Table H.4 Changes in the Number of Finfish Vessels (by Owner's Parish of Residence) following the 2005 and 2008 Hurricanes

Effects of Hurricanes Katrina and Rita (2005)					Effects of Hurricanes Gustav and Ike (2008)				
Parish	Number of Vessels			Percent Change (2004-2006)	Parish	Number of Vessels			Percent Change (2007-2008)
	2004	2005	2006			2007	2008	2009	
Plaquemines ¹	273	160	100	-63.4%	St Bernard ¹	32	20	20	-37.5%
Orleans ¹	30	19	12	-60.0%	Terrebonne ¹	59	37	43	-37.3%
Tangipahoa ¹	12	8	5	-58.3%	Orleans ¹	22	18	15	-18.2%
St Bernard ¹	46	11	20	-56.5%	Lafourche ¹	54	46	37	-14.8%
St Charles ¹	18	18	9	-50.0%	St Charles ¹	14	12	10	-14.3%
Terrebonne ¹	84	55	47	-44.0%	Jefferson ¹	135	123	137	-8.9%
Jefferson ¹	196	138	114	-41.8%	St Tammany ¹	27	25	33	-7.4%
Lafourche ¹	81	59	48	-40.7%	Plaquemines ¹	134	127	118	-5.2%
Assumption ¹	15	15	10	-33.3%	Iberville ¹	6	6	6	0.0%
Iberville ¹	7	6	5	-28.6%	Tangipahoa ¹	8	9	11	12.5%
St Tammany ¹	11	14	10	-9.1%	Assumption ¹	8	11	8	37.5%
St Landry ²	14	12	9	-35.7%	Jefferson Davis ²	6	0	-	-100.0%
Iberia ²	25	32	18	-28.0%	Cameron ²	39	27	25	-30.8%
St Mary ²	95	74	70	-26.3%	Iberia ²	32	28	20	-12.5%
Cameron ²	48	24	36	-25.0%	St Landry ²	10	9	10	-10.0%
St Martin ²	10	13	10	0.0%	St Martin ²	13	14	10	7.7%
Vermilion ²	7	7	9	28.6%	St Mary ²	64	72	73	12.5%
Calcasieu ²	15	18	26	73.3%	Vermilion ²	11	13	12	18.2%
Out of state	65	34	47	-27.7%	Calcasieu ²	21	27	19	28.6%
Unspecified	1,065	911	795	-25.4%	Out of state	49	43	36	-12.2%
-	-	-	-	-	Unspecified	806	799	888	-0.9%
Total	2,137	1,655	1,427	-33.2%	Total	1,570	1,488	1,556	-5.2%

Source: Computed from Appendix Table A.8. **Note:** All entries violating Louisiana's confidentiality laws are hyphenated or excluded. Superscripts 1 and 2 on the parishes mean Regions 1 and 2. Region 1 includes parishes on the eastside of Atchafalaya Basin, while Regions 2 includes parishes on the west of Atchafalaya Basin. Entries in the individual regions are sorted by the correspondent percent changes.

Table H.5 Changes in the Number of Finfish Vessels (by Vessel Owner's Region of Residence) following the 2005 and 2008 Hurricanes

Region	Effects of Katrina and Rita (2005)				Effects of Gustav and Ike (2008)			
	Number of Fishermen			Percent Change (2004 – 2006)	Number of Fishermen			Percent Change (2007 – 2008)
	2004	2005	2006		2007	2008	2009	
East of Atchafalaya	785	517	392	-50.1%	512	448	455	-12.5%
West of Atchafalaya	219	187	186	-15.1%	199	194	172	-2.5%
North of Atchafalaya	3	6	7	133.3%	4	4	5	0.0%
Out of Louisiana	65	34	47	-27.7%	49	43	36	-12.2%
Unspecified	1,065	911	795	-25.4%	806	799	888	-0.9%
Total	2,137	1,655	1,427	-33.2%	1,570	1,488	1,556	-5.2%

Source: Computed from Appendix Table H.4.

Table H.6 Changes in the Number of Finfish Fishing Trips following the 2005 and 2008 Hurricanes

Species Type	Total Number of Finfish Fishing Trips							
	Hurricanes Katrina & Rita (2005)				Hurricanes Gustav and Ike (2008)			
	2004	2005	2006	Percent Change (2004 - 2006)	2007	2008	2009	Percent Change (2007 - 2008)
Freshwater Fish	33,732	31,344	30,867	-8.5%	31,025	28,467	27,251	-8.2%
Saltwater Fish	42,683	25,493	22,625	-47.0%	22,067	19,710	22,907	-10.7%
Total	76,415	56,837	53,492	-30.0%	53,092	48,177	50,158	-9.3%
Species Type	Average Number of Finfish Fishing Trips per Finfish Fisherman							
	Hurricanes Katrina & Rita (2005)				Hurricanes Gustav and Ike (2008)			
	2004	2005	2006	Percent Change (2004 - 2006)	2007	2008	2009	Percent Change (2007 - 2008)
Freshwater Fish	38	39	48	26.1%	46	41	41	-10.4%
Saltwater Fish	33	29	28	-16.2%	25	25	26	0.6%
Total	38	37	39	3.1%	36	35	34	-4.1%

Source: Appendix Table A.4.

Table H.7 Changes in the Length of Finfish Fishing Trips following the 2005 and 2008 Hurricanes

Species Type	Total Length of Fishing Trip (in Hours)							
	Hurricanes Katrina & Rita (2005)				Hurricanes Gustav and Ike (2008)			
	2004	2005	2006	Percent Change (2004 - 2006)	2007	2008	2009	Percent Change (2007 - 2008)
Freshwater Fish	402,969	424,555	515,475	27.9%	466,116	380,920	372,024	-18.3%
Saltwater Fish	2,861,169	1,926,678	1,507,199	-47.3%	1,879,996	1,577,408	1,825,620	-16.1%
Total	3,264,138	2,351,233	2,022,674	-38.0%	2,346,112	1,958,328	2,197,644	-16.5%
Species Type	Average Length of Fishing Trip per Finfish Fisherman (in Hours)							
	Hurricanes Katrina & Rita (2005)				Hurricanes Gustav and Ike (2008)			
	2004	2005	2006	Percent Change (2004 - 2006)	2007	2008	2009	Percent Change (2007 - 2008)
Freshwater Fish	11.7	13.3	16.5	41.0%	14.9	13.4	13.6	-10.1%
Saltwater Fish	66.1	75.0	66.0	-0.2%	84.2	80.0	79.7	-5.0%
Total	42.1	40.8	37.4	-11.2%	43.8	40.6	43.8	-7.3%

Source: Appendix Table A.4. **Note:** The average length per finfish fisherman for a species type was calculated by dividing the total length of that species by the number of fishermen who reported that they harvested the species.

**Appendix I - Impacts of Hurricanes on Landings, Dockside Prices
and Values in the Finfish Fishery**

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Table I.1 Changes in Finfish Landings (by Species Type) following the 2005 and 2008 Hurricanes

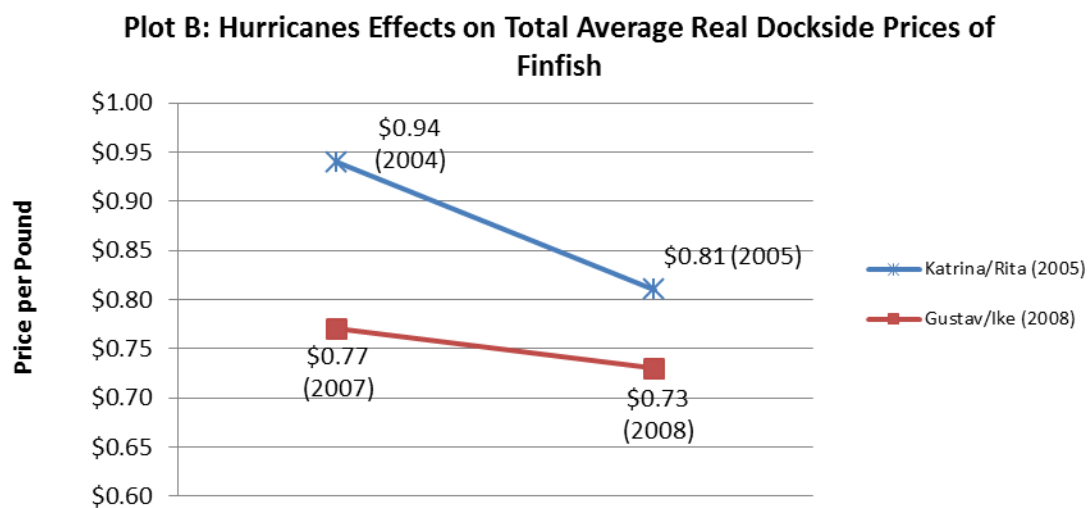
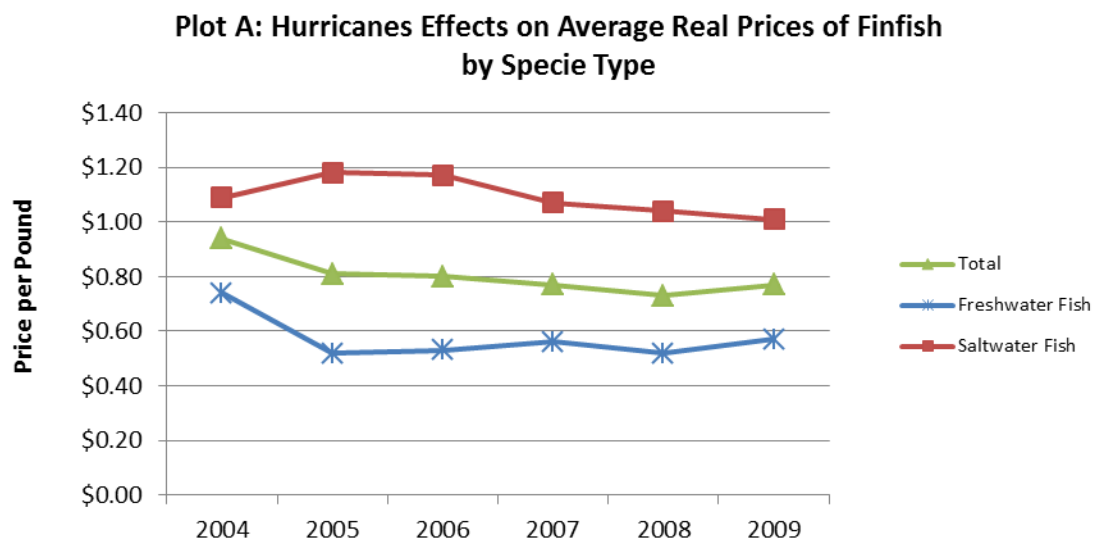
Species	Finfish Landings (in Lbs.)						Percent Change	
	2004	2005	2006	2007	2008	2009	(2004 – 2005)	(2007 – 2008)
Freshwater Fish	12,014,951	11,757,793	11,719,745	12,353,406	11,627,106	10,331,296	-2.1%	-5.9%
Saltwater Fish	883,297,688	669,564,130	759,417,820	802,291,548	751,311,831	796,458,170	-24.2%	-6.4%
Total	895,312,639	681,321,923	771,137,564	814,644,954	762,938,937	806,789,466	-23.9%	-6.3%

Source: Appendix Table D.1.

Table I.2 Changes in the Average Dockside Prices of Finfish (by Species Type) following the 2005 and 2008 Hurricanes

Species	Average Nominal Dockside Prices of Finfish (in \$)						Percent Change	
	2004	2005	2006	2007	2008	2009	(2004 – 2005)	(2007 – 2008)
Freshwater Fish	0.72	0.52	0.54	0.59	0.57	0.63	-27.8%	-3.4%
Saltwater Fish	1.06	1.18	1.20	1.14	1.13	1.11	11.3%	-0.9%
Total	0.91	0.81	0.82	0.82	0.80	0.85	-11.0%	-2.4%
Species	Average Real Dockside Prices of Finfish (in 2005 Dollar)						Percent Change	
	2004	2005	2006	2007	2008	2009	(2004 – 2005)	(2007 – 2008)
Freshwater Fish	0.74	0.52	0.53	0.56	0.52	0.57	-29.7%	-7.1%
Saltwater Fish	1.09	1.18	1.17	1.07	1.04	1.01	8.3%	-2.8%
Total	0.94	0.81	0.80	0.77	0.73	0.77	-13.8%	-5.2%

Source: Appendix Table D.2.



Source: Appendix Table I.2.

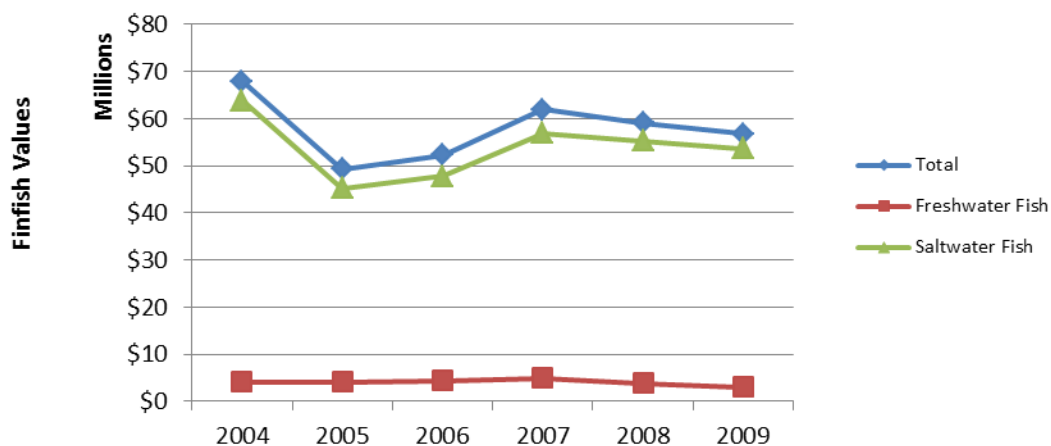
Figure I.1 Changes in the Average Real Dockside Prices of Finfish (by Species Type) following the 2005 and 2008 Hurricanes

Table I.3 Changes in the Dockside Values of Finfish (by Species Type) following the 2005 and 2008 Hurricanes

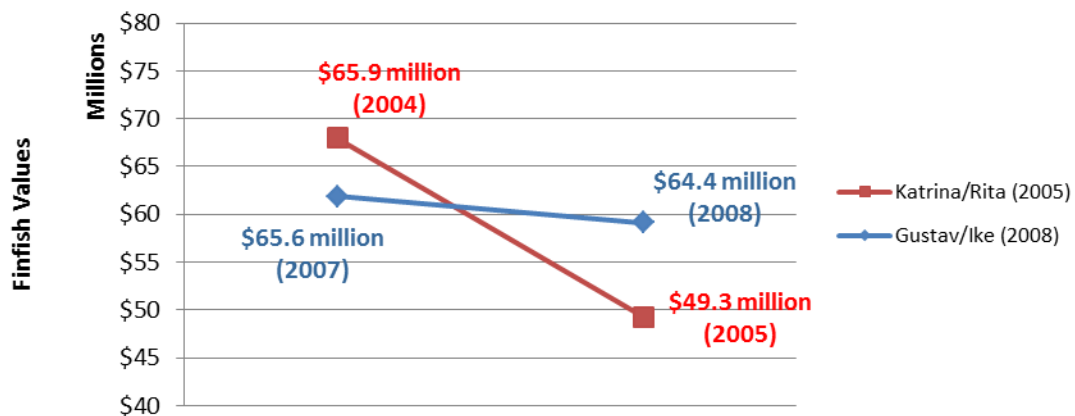
Species	Nominal Dockside Values of Finfish (in \$)						Percent Change	
	2004	2005	2006	2007	2008	2009	(2004 – 2005)	(2007 – 2008)
Freshwater Fish	4,056,771	4,154,258	4,518,072	5,284,769	4,215,851	3,389,238	2.4%	-20.2%
Saltwater Fish	61,860,853	45,139,845	49,278,815	60,293,488	60,196,099	58,984,461	-27.0%	-0.2%
Total	65,917,624	49,294,102	53,796,887	65,578,257	64,411,950	62,373,699	-25.2%	-1.8%
Species	Real Dockside Values of Finfish (in 2005 Dollar)						Percent Change	
	2004	2005	2006	2007	2008	2009	(2004 – 2005)	(2007 – 2008)
Freshwater Fish	4,182,239	4,154,258	4,386,478	4,985,631	3,867,753	3,081,125	-0.7%	-22.4%
Saltwater Fish	63,774,075	45,139,845	47,843,510	56,880,649	55,225,778	53,622,237	-29.2%	-2.9%
Total	67,956,314	49,294,102	52,229,988	61,866,280	59,093,532	56,703,362	-27.5%	-4.5%

Source: Appendix Table D.3.

Plot A: Hurricanes Effects on Real Dockside Values of Finfish by Specie Type



Plot B: Hurricanes Effects on Finfish Total Real Dockside Values



Source: Appendix Table I.3.

Figure I.2 Changes in the Real Dockside Values of Finfish following the 2005 and 2008 Hurricanes

Table I.4 Changes in Finfish Landings (by Fisherman's Parish of Residence) following the 2005 and 2008 Hurricanes

Effects of Katrina and Rita (2005)					Effects of Gustav and Ike (2008)				
Parish	Finfish Landings (in Pounds)			Percent Change (2004-2005)	Fishers Parish	Finfish Landings (in Pounds)			Percent Change (2007-2008)
	2004	2005	2006			2007	2008	2009	
West Feliciana ¹	822	31	66,213	-96.2%	St John	33,793	2,389	18,844	-92.9%
St Bernard ¹	1,069,730	372,932	566,879	-65.1%	East Feliciana	1,737	205	.	-88.2%
Ascension ¹	52,545	20,361	16,341	-61.3%	West Baton Rouge	58,536	13,554	447	-76.8%
Washington ¹	23,770	9,412	23,347	-60.4%	Ascension	27,895	10,349	29,849	-62.9%
Pointe Coupee ¹	320,800	134,883	116,281	-58.0%	Orleans	1,559,304	861,567	1,632,809	-44.7%
St John ¹	6,782	3,443	665	-49.2%	Jefferson	2,251,712	1,379,904	1,501,799	-38.7%
Plaquemines ¹	155,429,312	91,475,301	236,604,984	-41.1%	Pointe Coupee	212,737	147,460	202,260	-30.7%
Orleans ¹	2,836,575	1,742,391	1,353,432	-38.6%	St Charles	319,875	226,740	312,794	-29.1%
Jefferson ¹	2,039,818	1,333,826	1,679,322	-34.6%	Lafourche	1,331,630	989,004	1,047,138	-25.7%
Tangipahoa ¹	51,144	35,217	28,042	-31.1%	East Baton Rouge	127,135	98,915	69,236	-22.2%
East Baton Rouge ¹	121,819	83,915	108,154	-31.1%	Plaquemines	228,409,929	196,036,271	235,072,858	-14.2%
Terrebonne ¹	28,084,374	22,126,886	720,942	-21.2%	Iberville	934,447	818,764	792,963	-12.4%
Assumption ¹	964,460	792,093	1,032,425	-17.9%	St Tammany	727,431	638,840	945,942	-12.2%
St Tammany ¹	65,467	56,332	446,080	-14.0%	West Feliciana	57,303	59,588	54,566	4.0%
East Feliciana ¹	58,133	52,209	960	-10.2%	Tangipahoa	54,091	60,570	50,509	12.0%
Lafourche ¹	1,588,591	1,450,778	1,671,889	-8.7%	Assumption	807,656	905,931	774,030	12.2%
Iberville ¹	852,619	970,812	941,292	13.9%	Livingston	41,833	47,177	26,296	12.8%
St Charles ¹	282,281	336,120	276,022	19.1%	Washington	6,537	7,419	23,660,675	13.5%
St James ¹	93,853	120,418	113,375	28.3%	Terrebonne	20,803,061	24,076,742	31,199,240	15.7%
West Baton Rouge ¹	13,522	19,469	8,163	44.0%	St James	81,229	118,146	102,324	45.4%
Livingston ¹	21,525	38,341	113,181	78.1%	St Bernard	354,474	757,027	401,902	113.6%

Table I.4 Changes in Finfish Landings (by Fisherman's Parish of Residence) following the 2005 and 2008 Hurricanes (Continued)

Effects of Katrina and Rita (2005)					Effects of Gustav and Ike (2008)				
	Finfish Landings (in Pounds)			Percent Change (2004-2005)		Finfish Landings (in Pounds)			Percent Change (2007-2008)
Parish	2004	2005	2006		Fishers Parish	2007	2008	2009	
Evangeline ²	20,222	3,450	22,477	-82.9%	Evangeline	540	153	.	-71.7%
Jefferson Davis ²	114,204	22,147	30,884	-80.6%	Lafayette	47,444	19,610	33,358	-58.7%
St Landry ²	1,335,401	666,356	740,872	-50.1%	Cameron	84,579,569	36,041,725	31,308,701	-57.4%
Lafayette ²	89,252	52,433	86,943	-41.3%	Beauregard	8,488	6,406	18,678,595	-24.5%
Vermilion ²	108,278,200	102,711,966	118,608,078	-5.1%	St Mary	32,923,537	29,032,376	31,998,473	-11.8%
St Mary ²	29,936,899	31,113,706	27,860,300	3.9%	Iberia	946,786	840,152	730,490	-11.3%
Acadia ²	6,040	6,614	70	9.5%	Acadia	4,376	4,638	3,293	6.0%
Cameron ²	51,221,460	59,456,646	66,101,069	16.1%	Vermilion	98,432,771	105,051,049	84,438,984	6.7%
Iberia ²	945,975	1,098,915	893,087	16.2%	St Martin	637,377	764,183	309,046	19.9%
Calcasieu ²	24,403,369	28,930,576	28,037,540	18.6%	St Landry	460,757	687,483	422,601	49.2%
St Martin ²	560,203	867,162	537,662	54.8%	Calcasieu	23,009,535	51,473,252	35,158,735	123.7%
Beauregard ²	2,772	11,150	9,545	302.2%	Jefferson Davis	5,334	15,923	2,817	198.5%
Allen ²	151	.	.	.	Allen	2,534	.	.	.
Grant ³	20,423	1,441	.	-92.9%	Bienville	96,065	5,812	17,204	-93.9%
Winn ³	7,452	2,746	7,913	-63.2%	Morehouse	851	57	500	-93.3%
Sabine ³	298,435	174,169	3,908	-41.6%	Caldwell	9,765	1,347	2,012	-86.2%
Ouachita ³	1,955	1,167	55,299	-40.3%	Winn	6,113	1,323	277	-78.4%
Bienville ³	33,695	26,344	22,824	-21.8%	Richland	44,438	10,966	37,856	-75.3%
Concordia ³	1,216,560	975,101	945,123	-19.8%	Tensas	52,003	14,984	22,000	-71.2%
Desoto ³	191,471	169,723	194,357	-11.4%	Red River	35,100	14,638	8,776	-58.3%
Union ³	49,897	54,149	43,192	8.5%	Lincoln	19,103	11,051	2,542	-42.2%
Caddo ³	117,165	130,993	134,857	11.8%	Desoto	201,612	117,362	12,568	-41.8%
Avoyelles ³	2,084,204	2,689,672	3,503,838	29.1%	Sabine	39,396	28,371	15,939	-28.0%
Natchitoches ³	8,252	11,492	8,219	39.3%	Bossier	118,618	94,576	83,179	-20.3%
Red River ³	19,673	27,990	27,453	42.3%	Avoyelles	3,996,284	3,474,391	3,281,980	-13.1%

Table I.4 Changes in Finfish Landings (by Fisherman's Parish of Residence) following the 2005 and 2008 Hurricanes (Continued)

Effects of Katrina and Rita (2005)					Effects of Gustav and Ike (2008)				
	Finfish Landings (in Pounds)			Percent Change (2004-2005)		Finfish Landings (in Pounds)			Percent Change (2007-2008)
Parish	2004	2005	2006		Fishers Parish	2007	2008	2009	
Morehouse ³	163	236	116	44.8%	Concordia	863,604	825,515	983,059	-4.4%
Bossier ³	70,488	110,481	124,583	56.7%	Caddo	122,879	117,988	96,410	-4.0%
Catahoula ³	164,157	279,480	293,437	70.3%	Union	25,394	24,804	15,891	-2.3%
Caldwell ³	2,043	3,529	.	72.7%	Catahoula	524,574	590,085	552,790	12.5%
Rapides ³	128,560	248,400	155,989	93.2%	Natchitoches	15,467	21,161	18,435	36.8%
Franklin ³	12,577	28,139	10,053	123.7%	Rapides	12,360	58,208	40,419	370.9%
West Carroll ³	5,600	20,453	9,185	265.2%	Franklin	6,195	32,729	2,556	428.3%
Lincoln ³	753	9,455	22,239	1155.6%	Ouachita	1,781	11,125	2,264	524.6%
Richland ³	.	470	16,339	.	West Carroll	.	.	100	.
Tensas ³	.	.	6,618	.	Webster	46	.	.	.
Webster ³	22,449	.	.	.	Madison	.	.	.	.
Madison ³	369	.	37	.	La Salle	1,105	.	.	.
La Salle ³	.	.	116	.	East Carroll	.	.	742	.
East Carroll ³	.	.	.	.	Grant	.	.	.	.
Vernon ³	.	.	.	.	Vernon	.	37	.	.
Claiborne ³	.	.	.	.	Claiborne	2,385	.	.	.
Jackson ³	.	500	.	.	Jackson	.	.	.	.
Out of state	479,893,518	330,152,007	276,637,268	-31.2%	Out of state	309,130,444	275,721,829	300,575,178	-10.8%
Unspecified	70,691	87,497	98,086	23.8%	Unspecified	57,979	30,567,067	35,214	52620.9%
Total	895,312,639	681,321,923	771,137,564	-23.9%	Total	814,644,954	762,938,937	806,789,466	-6.3%

Source: Appendix Table D.4. Note the superscripts 1, 2 and 3 means East, West and North of Atchafalaya River Basins, respectively. Each region is sorted by the percent change.

Table I.5 Changes in Finfish Landings (by Fisherman's Region of Residence) following the 2005 and 2008 Hurricanes

Region	Effects of Katrina and Rita (2005)				Effects of Gustav and Ike (2008)			
	Finfish Landings (in Pounds)			Percent Change (2004 – 2005)	Finfish Landings (in Pounds)			Percent Change (2007 – 2008)
	2004	2005	2006		2007	2008	2009	
East of Atchafalaya	193,977,942	121,175,170	245,887,989	-37.5%	258,202,345	227,256,562	297,896,481	-12.0%
West of Atchafalaya	216,914,148	224,941,121	242,928,527	3.7%	241,059,048	223,936,950	203,085,093	-7.1%
North of Atchafalaya	4,456,341	4,966,130	5,585,695	11.4%	6,195,138	5,456,530	5,197,499	-11.9%
Out of Louisiana	479,893,518	330,152,007	276,637,268	-31.2%	309,130,444	275,721,829	300,575,178	-10.8%
Unspecified	70,691	87,497	98,086	23.8%	57,979	30,567,067	35,214	52620.9%
Total	895,312,640	681,321,925	771,137,565	-23.9%	814,644,954	762,938,938	806,789,465	-6.3%

Source: Appendix Table I.4.

Table I.6 Changes in the Nominal Dockside Values of Finfish (by Fisherman's Parish of Residence) following the 2005 and 2008 Hurricanes

Effects of Katrina and Rita (2005)					Effects of Gustav and Ike (2008)				
Parish	Nominal Values (in \$)			Percent Change (2004-2005)	Fishers Parish	Nominal Values (in \$)			Percent Change (2007-2008)
	2004	2005	2006			2007	2008	2009	
West Feliciana	358	55	36,105	-84.6%	East Feliciana	759	92	.	-87.9%
Washington	15,862	3,812	15,497	-76.0%	West Baton Rouge	30,972	4,029	267	-87.0%
Ascension	10,977	4,530	5,175	-58.7%	St John	8,215	1,208	4,777	-85.3%
East Baton Rouge	98,093	42,866	60,619	-56.3%	St Tammany	1,934,838	901,280	1,318,723	-53.4%
Tangipahoa	36,143	19,814	17,831	-45.2%	Orleans	4,313,331	2,331,892	3,930,787	-45.9%
Plaquemines	10,731,853	6,357,324	13,735,388	-40.8%	Jefferson	3,202,329	1,746,062	1,852,399	-45.5%
Orleans	7,841,305	5,107,135	3,812,173	-34.9%	Ascension	6,552	4,199	6,857	-35.9%
St John	2,875	1,882	598	-34.5%	St Charles	184,219	128,877	173,283	-30.0%
Jefferson	2,837,724	2,037,123	2,740,117	-28.2%	Lafourche	2,743,589	2,075,661	2,108,866	-24.3%
St Bernard	1,505,773	1,105,461	415,123	-26.6%	Pointe Coupee	50,464	40,723	59,610	-19.3%
Pointe Coupee	68,722	51,399	35,772	-25.2%	East Baton Rouge	64,528	53,411	38,038	-17.2%
East Feliciana	31,638	27,741	254	-12.3%	Plaquemines	19,623,794	17,295,921	17,705,677	-11.9%
Terrebonne	2,793,529	2,514,888	1,578,219	-10.0%	Tangipahoa	34,056	31,595	21,612	-7.2%
Assumption	354,502	321,036	369,586	-9.4%	Terrebonne	3,181,488	3,306,207	4,361,955	3.9%
St Charles	177,439	161,019	151,059	-9.3%	West Feliciana	32,212	36,203	34,130	12.4%
Lafourche	2,377,280	2,469,863	2,658,074	3.9%	Livingston	18,161	21,126	7,436	16.3%
Iberville	277,362	292,148	244,876	5.3%	Assumption	277,722	346,092	232,303	24.6%
St James	35,458	42,939	41,372	21.1%	Washington	4,123	5,184	1,701,729	25.7%
St Tammany	35,822	46,287	1,238,279	29.2%	Iberville	204,844	271,056	205,971	32.3%
Livingston	9,150	30,317	60,895	231.3%	St James	33,264	48,648	34,686	46.2%
West Baton Rouge	2,474	8,468	4,571	242.3%	St Bernard	227,768	832,699	627,167	265.6%

Table I.6 Changes in the Nominal Dockside Values of Finfish (by Fisherman's Parish of Residence) following the 2005 and 2008 Hurricanes (Continued)

Effects of Katrina and Rita (2005)					Effects of Gustav and Ike (2008)				
	Nominal Values (in \$)			Percent Change (2004-2005)		Nominal Values (in \$)			Percent Change (2007-2008)
Parish	2004	2005	2006		Fishers Parish	2007	2008	2009	
Evangeline	7,593	551	5,239	-92.7%	St Martin	1,085,564	259,917	106,978	-76.1%
Jefferson Davis	58,127	12,404	29,485	-78.7%	Lafayette	13,450	7,129	24,297	-47.0%
Lafayette	51,638	27,811	194,280	-46.1%	Cameron	3,659,380	2,245,457	2,012,075	-38.6%
Cameron	3,687,763	3,334,290	3,097,802	-9.6%	Beauregard	6,244	5,026	702,747	-19.5%
St Mary	2,004,182	1,879,945	1,721,710	-6.2%	Iberia	548,700	526,191	486,653	-4.1%
Vermilion	3,707,454	3,481,373	4,038,215	-6.1%	St Mary	1,699,822	2,089,695	1,959,318	22.9%
St Landry	368,751	379,462	210,017	2.9%	Acadia	3,563	4,390	2,488	23.2%
Calcasieu	1,062,459	1,172,281	1,147,962	10.3%	St Landry	175,720	225,466	134,577	28.3%
Iberia	520,389	634,992	540,788	22.0%	Vermilion	3,708,489	5,166,301	3,208,796	39.3%
Acadia	3,101	3,874	66	24.9%	Calcasieu	1,001,675	2,447,483	1,505,454	144.3%
St Martin	124,764	204,704	168,633	64.1%	Evangeline	97	241	.	148.5%
Beauregard	2,099	7,932	8,944	277.9%	Jefferson Davis	3,668	9,918	1,901	170.4%
Allen	146	.	.	-	Allen	778	.	.	-
Grant	7,738	654	.	-91.5%	Morehouse	923	24	175	-97.4%
Ouachita	697	175	56,668	-74.9%	Bienville	54,396	3,256	13,149	-94.0%
Winn	4,916	1,911	5,091	-61.1%	Caldwell	2,065	360	824	-82.6%
Sabine	129,153	70,129	1,744	-45.7%	Winn	3,239	687	180	-78.8%
Natchitoches	5,217	2,909	4,152	-44.2%	Tensas	58,162	12,440	13,847	-78.6%
Bienville	16,667	12,458	11,799	-25.3%	Richland	24,305	5,655	18,590	-76.7%
Desoto	89,496	80,532	100,575	-10.0%	Red River	12,718	5,204	3,081	-59.1%
Concordia	224,099	224,423	453,267	0.1%	Desoto	112,641	70,572	25,402	-37.3%
Caddo	50,086	53,837	58,367	7.5%	Lincoln	7,808	4,915	1,412	-37.1%
Union	15,828	18,634	13,276	17.7%	Union	29,090	18,570	10,578	-36.2%
Catahoula	53,523	64,136	62,150	19.8%	Sabine	24,850	20,077	8,836	-19.2%

Table I.6 Changes in the Nominal Dockside Values of Finfish (by Fisherman's Parish of Residence) following the 2005 and 2008 Hurricanes (Continued)

Avoyelles	443,219	591,321	898,034	33.4%	Bossier	44,673	37,779	28,499	-15.4%
Bossier	25,808	38,400	42,841	48.8%	Caddo	49,814	43,877	42,229	-11.9%
Red River	5,904	9,593	9,612	62.5%	Avoyelles	1,005,824	914,732	650,114	-9.1%
Caldwell	919	1,611	.	75.3%	Concordia	190,290	185,026	213,458	-2.8%
Rapides	28,076	60,368	275,362	115.0%	Catahoula	107,880	139,741	136,504	29.5%
Morehouse	57	149	51	161.4%	Natchitoches	7,301	10,227	10,331	40.1%
Lincoln	982	2,657	7,264	170.6%	Ouachita	1,183	2,523	664	113.3%
West Carroll	1,738	7,541	2,692	333.9%	Rapides	2,817	12,396	10,941	340.0%
Franklin	6,723	77,054	5,411	1046.1%	Franklin	3,067	16,980	2,503	453.6%
Tensas	.	.	6,282	-	Webster	21	.	.	-
Richland	.	212	9,366	-	West Carroll	.	.	150	-
Webster	7,704	.	.	-	East Carroll	.	.	325	-
East Carroll	.	.	.	-	La Salle	1,394	.	.	-
La Salle	.	.	124	-	Madison	.	.	.	-
Madison	129	.	11	-	Grant	.	.	.	-
Claiborne	.	.	.	-	Claiborne	2,460	.	.	-
Vernon	.	.	.	-	Vernon	.	37	.	-
Jackson	.	125	.	-	Jackson	.	.	.	-
Out of state	23,860,658	16,024,288	13,293,940	-32.8%	Out of state	15,684,719	17,671,460	16,598,101	12.7%
Unspecified	95,484	165,263	94,087	73.1%	Unspecified	62,238	2,766,034	12,252	4344.3%
Total	65,917,624	49,294,102	53,796,887	-25.2%	Total	65,578,257	64,411,950	62,373,699	-1.8%

Source: Appendix Table D.5. Note the superscripts 1, 2 and 3 means East, West and North of Atchafalaya River Basins, respectively. Each region is sorted by the percent change.

Table I.7 Changes in the Nominal Dockside Values of Finfish (by Fisherman's Region of Residence) following the 2005 and 2008 Hurricanes

Region	Effects of Katrina and Rita (2005)				Effects of Gustav and Ike (2008)			
	Nominal Values (in \$)			Percent Change (2004 – 2005)	Nominal Values (in \$)			Percent Change (2007 – 2008)
	2004	2005	2006		2007	2008	2009	
East of Atchafalaya	29,244,339	20,646,107	27,221,583	-29.4%	36,177,228	29,482,165	34,426,273	-18.5%
West of Atchafalaya	11,598,466	11,139,619	11,163,141	-4.0%	11,907,150	12,987,214	10,145,284	9.1%
North of Atchafalaya	1,118,679	1,318,829	2,024,139	17.9%	1,746,921	1,505,078	1,191,792	-13.8%
Out of Louisiana	23,860,658	16,024,288	13,293,940	-32.8%	15,684,719	17,671,460	16,598,101	12.7%
Unspecified	95,484	165,263	94,087	73.1%	62,238	2,766,034	12,252	4344.3%
Total	65,917,626	49,294,106	53,796,890	-25.2%	65,578,256	64,411,951	62,373,702	-1.8%

Source: Appendix Table I.6.

Table I.8 Changes in the Real Dockside Values of Finfish (by Fisherman's Parish of Residence) following the 2005 and 2008 Hurricanes

Effects of Katrina and Rita (2005)					Effects of Gustav and Ike (2008)				
Parish	Real Values (in 2005 Dollar)			Percent Change (2004-2005)	Fishers Parish	Real Values (in 2005 Dollar)			Percent Change (2007-2008)
	2004	2005	2006			2007	2008	2009	
West Feliciana	369	55	35,053	-85.1%	East Feliciana	716	85	.	-88.1%
Washington	16,352	3,812	15,046	-76.7%	West Baton Rouge	29,219	3,696	242	-87.4%
Ascension	11,316	4,530	5,024	-60.0%	St John	7,750	1,109	4,343	-85.7%
East Baton Rouge	101,127	42,866	58,853	-57.6%	St Tammany	1,825,319	826,862	1,198,839	-54.7%
Tangipahoa	37,261	19,814	17,311	-46.8%	Orleans	4,069,180	2,139,350	3,573,443	-47.4%
Plaquemines	11,063,766	6,357,324	13,335,328	-42.5%	Jefferson	3,021,065	1,601,891	1,683,999	-47.0%
Orleans	8,083,819	5,107,135	3,701,138	-36.8%	Ascension	6,181	3,853	6,233	-37.7%
St John	2,964	1,882	581	-36.5%	St Charles	173,792	118,236	157,530	-32.0%
Jefferson	2,925,489	2,037,123	2,660,307	-30.4%	Lafourche	2,588,291	1,904,276	1,917,151	-26.4%
St Bernard	1,552,343	1,105,461	403,032	-28.8%	Pointe Coupee	47,608	37,360	54,191	-21.5%
Pointe Coupee	70,847	51,399	34,730	-27.5%	East Baton Rouge	60,876	49,000	34,580	-19.5%
East Feliciana	32,616	27,741	246	-14.9%	Plaquemines	18,513,013	15,867,817	16,096,070	-14.3%
Terrebonne	2,879,927	2,514,888	1,532,251	-12.7%	Tangipahoa	32,129	28,986	19,647	-9.8%
Assumption	365,466	321,036	358,822	-12.2%	Terrebonne	3,001,403	3,033,217	3,965,413	1.1%
St Charles	182,927	161,019	146,659	-12.0%	West Feliciana	30,389	33,214	31,027	9.3%
Lafourche	2,450,804	2,469,863	2,580,654	0.8%	Livingston	17,133	19,382	6,760	13.1%
Iberville	285,940	292,148	237,744	2.2%	Assumption	262,002	317,516	211,185	21.2%
St James	36,554	42,939	40,167	17.5%	Washington	3,890	4,756	1,547,026	22.3%
St Tammany	36,930	46,287	1,202,212	25.3%	Iberville	193,249	248,675	187,246	28.7%
Livingston	9,433	30,317	59,121	221.4%	St James	31,382	44,631	31,533	42.2%
West Baton Rouge	2,550	8,468	4,437	232.1%	St Bernard	214,876	763,944	570,151	255.5%

Table I.8 Changes in the Real Dockside Values of Finfish (by Fisherman's Parish of Residence) following the 2005 and 2008 Hurricanes (Continued)

Effects of Katrina and Rita (2005)					Effects of Gustav and Ike (2008)				
	Real Values (in 2005 Dollar)			Percent Change (2004-2005)		Real Values (in 2005 Dollar)			Percent Change (2007-2008)
Parish	2004	2005	2006		Fishers Parish	2007	2008	2009	
Evangeline	7,828	551	5,086	-93.0%	St Martin	1,024,117	238,456	97,253	-76.7%
Jefferson Davis	59,924	12,404	28,626	-79.3%	Lafayette	12,689	6,541	22,088	-48.5%
Lafayette	53,235	27,811	188,622	-47.8%	Cameron	3,452,245	2,060,053	1,829,159	-40.3%
Cameron	3,801,817	3,334,290	3,007,575	-12.3%	Beauregard	5,891	4,611	638,861	-21.7%
St Mary	2,066,167	1,879,945	1,671,563	-9.0%	Iberia	517,641	482,744	442,411	-6.7%
Vermilion	3,822,118	3,481,373	3,920,597	-8.9%	St Mary	1,603,606	1,917,152	1,781,198	19.6%
St Landry	380,155	379,462	203,900	-0.2%	Acadia	3,362	4,027	2,261	19.8%
Calcasieu	1,095,318	1,172,281	1,114,526	7.0%	St Landry	165,773	206,850	122,343	24.8%
Iberia	536,483	634,992	525,037	18.4%	Vermilion	3,498,575	4,739,726	2,917,087	35.5%
Acadia	3,197	3,874	64	21.2%	Calcasieu	944,977	2,245,397	1,368,595	137.6%
St Martin	128,622	204,704	163,721	59.2%	Evangeline	92	221	.	140.2%
Beauregard	2,164	7,932	8,684	266.5%	Jefferson Davis	3,460	9,099	1,728	163.0%
Allen	151	.	.	-	Allen	734	.	.	-
Grant	7,977	654	.	-91.8%	Morehouse	871	22	159	-97.5%
Ouachita	719	175	55,017	-75.7%	Bienville	51,317	2,988	11,953	-94.2%
Winn	5,069	1,911	4,942	-62.3%	Caldwell	1,948	330	749	-83.1%
Sabine	133,148	70,129	1,693	-47.3%	Winn	3,056	631	164	-79.4%
Natchitoches	5,378	2,909	4,031	-45.9%	Tensas	54,869	11,413	12,588	-79.2%
Bienville	17,182	12,458	11,455	-27.5%	Richland	22,930	5,188	16,900	-77.4%
Desoto	92,264	80,532	97,646	-12.7%	Red River	11,998	4,774	2,801	-60.2%
Concordia	231,030	224,423	440,065	-2.9%	Desoto	106,265	64,745	23,093	-39.1%
Caddo	51,635	53,837	56,667	4.3%	Lincoln	7,366	4,510	1,284	-38.8%
Union	16,317	18,634	12,889	14.2%	Union	27,443	17,037	9,617	-37.9%
Catahoula	55,179	64,136	60,340	16.2%	Sabine	23,443	18,419	8,032	-21.4%
Avoyelles	456,926	591,321	871,877	29.4%	Bossier	42,145	34,659	25,908	-17.8%

Table I.8 Changes in the Real Dockside Values of Finfish (by Fisherman's Parish of Residence) following the 2005 and 2008 Hurricanes (Continued)

Effects of Katrina and Rita (2005)					Effects of Gustav and Ike (2008)				
	Real Values (in 2005 Dollar)			Percent Change (2004-2005)		Real Values (in 2005 Dollar)			Percent Change (2007-2008)
Parish	2004	2005	2006		Fishers Parish	2007	2008	2009	
Bossier	26,606	38,400	41,594	44.3%	Caddo	46,995	40,254	38,390	-14.3%
Red River	6,086	9,593	9,332	57.6%	Avoyelles	948,891	839,203	591,013	-11.6%
Caldwell	948	1,611	.	69.9%	Concordia	179,519	169,749	194,053	-5.4%
Rapides	28,944	60,368	267,342	108.6%	Catahoula	101,773	128,202	124,095	26.0%
Morehouse	59	149	49	152.5%	Natchitoches	6,887	9,382	9,392	36.2%
Lincoln	1,012	2,657	7,053	162.5%	Ouachita	1,116	2,315	603	107.4%
West Carroll	1,792	7,541	2,613	320.8%	Rapides	2,658	11,373	9,946	327.9%
Franklin	6,931	77,054	5,253	1011.7%	Franklin	2,893	15,578	2,275	438.5%
Tensas	.	.	6,099	-	Webster	20	.	.	-
Richland	.	212	9,093	-	West Carroll	.	.	136	-
Webster	7,943	.	.	-	La Salle	1,315	.	.	-
La Salle	.	.	120	-	Grant	.	.	.	-
Madison	133	.	11	-	Madison	.	.	.	-
East Carroll	.	.	.	-	East Carroll	.	.	295	-
Claiborne	.	.	.	-	Claiborne	2,321	.	.	-
Vernon	.	.	.	-	Vernon	.	34	.	-
Jackson	.	125	.	-	Jackson	.	.	.	-
Out of state	24,598,617	16,024,288	12,906,738	-34.9%	Out of state	14,796,904	16,212,349	15,089,183	9.6%
Unspecified	98,437	165,263	91,347	67.9%	Unspecified	58,715	2,537,646	11,139	4222.0%
Total	67,956,314	49,294,102	52,229,988	-27.5%	Total	61,866,280	59,093,532	56,703,362	-4.5%

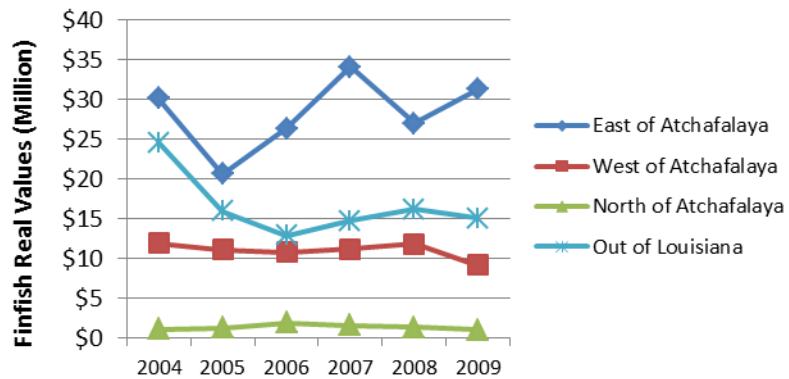
Source: Appendix Table D.6. Note the superscripts 1, 2 and 3 means East, West and North of Atchafalaya River Basins, respectively. Each region is sorted by the percent change.

Table I.9 Changes in the Real Dockside Values of Finfish (by Fisherman's Region of Residence) following the 2005 and 2008 Hurricanes

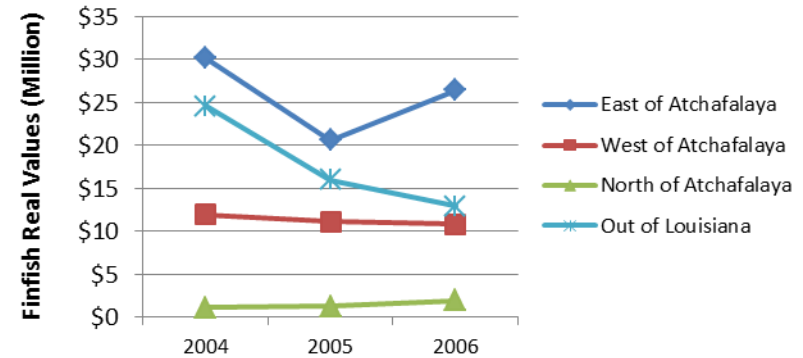
Region	Effects of Katrina and Rita (2005)				Effects of Gustav and Ike (2008)			
	Real Values (in 2005 Dollar)			Percent Change (2004 – 2005)	Real Values (in 2005 Dollar)			Percent Change (2007 – 2008)
	2004	2005	2006		2007	2008	2009	
East of Atchafalaya	30,148,800	20,646,107	26,428,716	-31.5%	34,129,463	27,047,856	31,296,609	-20.7%
West of Atchafalaya	11,957,179	11,139,619	10,838,001	-6.8%	11,233,162	11,914,877	9,222,984	6.1%
North of Atchafalaya	1,153,278	1,318,829	1,965,181	14.4%	1,648,039	1,380,806	1,083,446	-16.2%
Out of Louisiana	24,598,617	16,024,288	12,906,738	-34.9%	14,796,904	16,212,349	15,089,183	9.6%
Unspecified	98,437	165,263	91,347	67.9%	58,715	2,537,646	11,139	4222.0%
Total	67,956,311	49,294,106	52,229,983	-27.5%	61,866,283	59,093,534	56,703,361	-4.5%

Source: Appendix Table I.8.

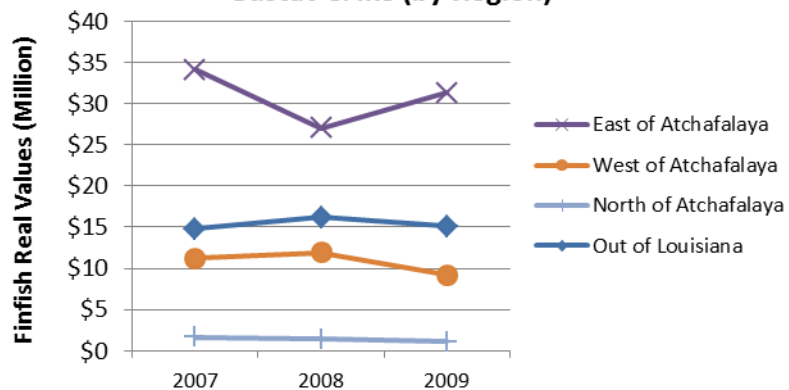
(A). Changes in Real Value of Finfish by Region



(B). Changes in Real Value of Finfish after Katrina & Rita (by Region)



(C). Changes in Real Value of Finfish after Gustav & Ike (by Region)



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Source: Appendix Table I.9.

Figure I.3 Changes in the Nominal Dockside Values of Finfish (by Fisherman's Region of Residence) following the 2005 and 2008 Hurricanes

Table I.10 Changes in Finfish Landings (by LDWF Trip Ticket Basin and NMFS Grid) following the 2005 and 2008 Hurricanes

Basin/Grids	Landings of Finfish (in Pounds)						Percent Change in Finfish Landings				
	2004	2005	2006	2007	2008	2009	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009
Barataria	135,058,914	96,670,129	104,484,518	127,684,868	146,885,318	144,198,389	-28.4%	8.1%	22.2%	15.0%	-1.8%
Lake Pontchartrain	103,722,613	52,179,759	112,011,777	103,974,614	61,451,930	191,796,106	-49.7%	114.7%	-7.2%	-40.9%	212.1%
Terrebonne	64,850,857	15,679,711	34,692,143	16,563,112	84,582,845	24,213,575	-75.8%	121.3%	-52.3%	410.7%	-71.4%
Mississippi River	39,353,397	25,051,398	15,610,619	47,101,011	31,615,331	19,704,807	-36.3%	-37.7%	201.7%	-32.9%	-37.7%
Atchafalaya River	17,588,647	8,958,766	26,775,688	17,341,288	20,845,988	11,987,733	-49.1%	198.9%	-35.2%	20.2%	-42.5%
Vermilion-Teche River	2,666,988	2,208,080	5,937,919	1,343,635	4,292,605	8,209,488	-17.2%	168.9%	-77.4%	219.5%	91.2%
Red River	1,145,664	965,996	1,268,785	584,922	754,617	829,237	-15.7%	31.3%	-53.9%	29.0%	9.9%
Mermentau River	322,117	555,593	2,016,969	1,258,441	746,639	260,854	72.5%	263.0%	-37.6%	-40.7%	-65.1%
Calcasieu River	752,621	415,944	538,287	1,694,443	480,836	785,887	-44.7%	29.4%	214.8%	-71.6%	63.4%
Ouachita River	544,740	659,652	328,229	512,557	537,859	523,988	21.1%	-50.2%	56.2%	4.9%	-2.6%
Sabine River	529,057	524,416	545,006	466,386	415,355	64,472	-0.9%	3.9%	-14.4%	-10.9%	-84.5%
Pearl River	30,786	28,034	13,628	6,839	10,999	8,436	-8.9%	-51.4%	-49.8%	60.8%	-23.3%
Basin Subtotal	366,566,401	203,897,478	304,223,568	318,532,116	352,620,322	402,582,972	-44.4%	49.2%	4.7%	10.7%	14.2%
Grid 15	200,571,838	164,151,233	88,371,284	253,609,059	174,516,782	187,932,150	-18.2%	-46.2%	187.0%	-31.2%	7.7%
Grid 16	239,266,352	195,207,876	253,284,552	67,496,331	156,029,593	74,332,407	-18.4%	29.8%	-73.4%	131.2%	-52.4%
Grid 17	81,478,581	114,760,734	123,217,097	170,898,382	78,407,308	139,396,835	40.8%	7.4%	38.7%	-54.1%	77.8%
Grid 13	4,091,838	1,714,579	1,080,166	1,939,703	654,050	1,830,662	-58.1%	-37.0%	79.6%	-66.3%	179.9%
Grid 14	3,061,884	224,257	923,152	174,363	707,159	693,214	-92.7%	311.6%	-81.1%	305.6%	-2.0%
Grid 11	52,961	.	2,329	13,792	3,582	19,724	-	-	492.2%	-74.0%	450.6%
Grid 19	15,547	12,192	.	.	.	.	-21.6%	-	-	-	-

Table I.10 Changes in Finfish Landings (by LDWF Trip Ticket Basin and NMFS Grid) following the 2005 and 2008 Hurricanes (Continued)

Basin/Grids	Landings of Finfish (in Pounds)						Percent Change in Finfish Landings				
	2004	2005	2006	2007	2008	2009	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009
Grid 18	36,495	21,631	2,143	.	.	.	-40.7%	-90.1%	-	-	-
Grid 12	.	71,020	.	.	.	.	-	-	-	-	-
Grid 7	.	.	.	.	.	.	-	-	-	-	-
Grid 10	163,755	19,029	.	.	.	.	-88.4%	-	-	-	-
Grid 21	.	.	.	.	.	.	-	-	-	-	-
Grid 5	.	.	.	.	.	.	-	-	-	-	-
Grid 20	.	18,925	.	.	.	.	-	-	-	-	-
Grid Subtotal	528,739,251	476,201,476	466,880,723	494,131,630	410,318,474	404,204,992	-9.9%	-2.0%	5.8%	-17.0%	-1.5%
Unspecified	6,986	7,926	33,274	3,703	143	1,500	13.5%	319.8%	-88.9%	-96.1%	949.0%
Total	895,312,639	680,106,878	771,137,564	812,667,449	762,938,937	806,789,466	-24.0%	13.4%	5.4%	-6.1%	5.7%

Source: Appendix Table D.10.

Table I.11 Changes in the Average Nominal Dockside Prices of Finfish (by LDWF Trip Ticket Basin and NMFS Grid) following the 2005 and 2008 Hurricanes

Basin/Grids	Average Nominal Dockside Prices (in \$)						Percent Change in Average Nominal Dockside Prices				
	2004	2005	2006	2007	2008	2009	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009
Terrebonne	1.57	1.58	1.84	1.74	1.88	2.20	0.6%	16.5%	-5.4%	8.0%	17.0%
Lake Pontchartrain	1.15	0.89	0.66	1.06	1.12	0.81	-22.6%	-25.8%	60.6%	5.7%	-27.7%
Calcasieu River	0.79	0.96	0.96	0.95	1.02	1.13	21.5%	0.0%	-1.0%	7.4%	10.8%
Barataria	1.23	0.73	0.75	0.88	0.84	1.08	-40.7%	2.7%	17.3%	-4.5%	28.6%
Pearl River	0.56	0.46	0.81	1.51	1.01	0.55	-17.9%	76.1%	86.4%	-33.1%	-45.5%
Sabine River	0.59	0.59	0.65	0.69	0.85	1.33	0.0%	10.2%	6.2%	23.2%	56.5%
Mississippi River	0.56	0.55	0.51	0.53	0.54	0.51	-1.8%	-7.3%	3.9%	1.9%	-5.6%
Vermilion-Teche River	0.48	0.54	0.60	0.62	0.66	0.64	12.5%	11.1%	3.3%	6.5%	-3.0%
Mermentau River	0.48	0.46	0.58	0.61	0.67	0.67	-4.2%	26.1%	5.2%	9.8%	0.0%
Red River	0.39	0.39	0.45	0.45	0.43	0.46	0.0%	15.4%	0.0%	-4.4%	7.0%
Ouachita River	0.39	0.31	0.40	0.53	0.50	0.55	-20.5%	29.0%	32.5%	-5.7%	10.0%
Atchafalaya River	0.34	0.34	0.35	0.36	0.36	0.30	0.0%	2.9%	2.9%	0.0%	-16.7%
Basin Subtotal	0.70	0.58	0.60	0.64	0.64	0.69	-17.1%	3.4%	6.7%	0.0%	7.8%
Grid 21	.	.	.	.	.	.	-	-	-	-	-
Grid 11	1.72	.	2.26	2.56	3.38	1.97	-	-	13.3%	32.0%	-41.7%
Grid 18	1.51	1.88	1.84	.	.	.	24.5%	-2.1%	-	-	-
Grid 20	.	1.55	.	.	.	.	-	-	-	-	-
Grid 14	1.58	1.83	1.88	1.36	1.75	1.84	15.8%	2.7%	-27.7%	28.7%	5.1%
Grid 10	2.00	1.63	.	.	.	.	-18.5%	-	-	-	-
Grid 15	1.60	1.69	1.74	1.73	1.57	1.51	5.6%	3.0%	-0.6%	-9.2%	-3.8%

Table I.11 Changes in the Average Nominal Dockside Prices of Finfish (by LDWF Trip Ticket Basin and NMFS Grid) following the 2005 and 2008 Hurricanes (Continued)

Basin/Grids	Average Nominal Dockside Prices (in \$)						Percent Change in Average Nominal Dockside Prices				
	2004	2005	2006	2007	2008	2009	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009
Grid 19	1.56	1.60	.	.	.	.	2.6%	-	-	-	-
Grid 13	1.53	1.50	1.73	1.72	1.81	1.69	-2.0%	15.3%	-0.6%	5.2%	-6.6%
Grid 16	1.49	1.30	0.89	1.72	1.70	1.71	-12.8%	-31.5%	93.3%	-1.2%	0.6%
Grid 17	1.49	1.54	1.55	1.38	1.63	1.30	3.4%	0.6%	-11.0%	18.1%	-20.2%
Grid 12	.	0.03	.	.	.	.	-	-	-	-	-
Grid 5	.	.	.	.	.	.	-	-	-	-	-
Grid 7	.	.	.	.	.	.	-	-	-	-	-
Grid Subtotal	1.54	1.57	1.65	1.64	1.69	1.59	1.9%	5.1%	-0.6%	3.0%	-5.9%
Unspecified	.	.	.	.	.	.	-	-	-	-	-
Total	0.91	0.81	0.82	0.82	0.80	0.85	-11.0%	1.2%	0.0%	-2.4%	6.2%

Source: Appendix Table D.11.

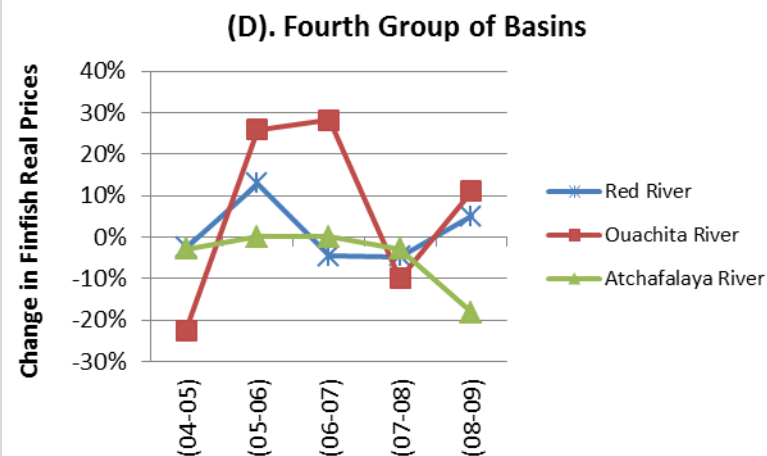
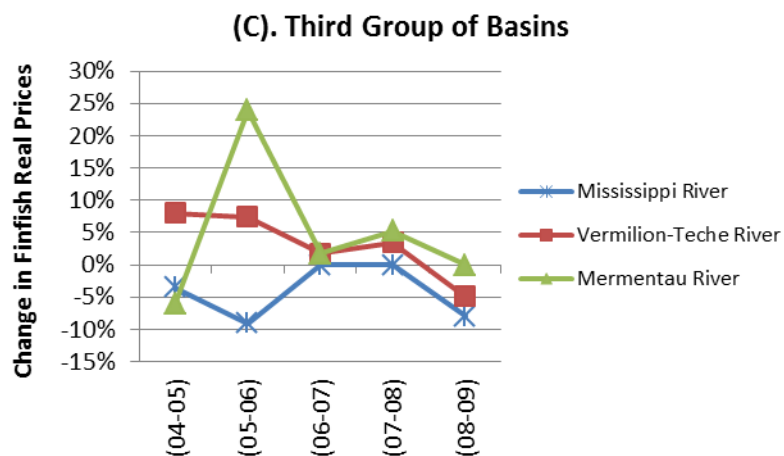
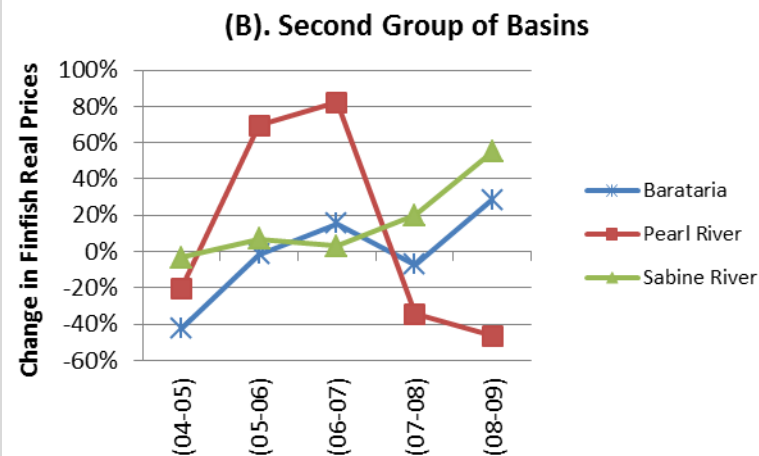
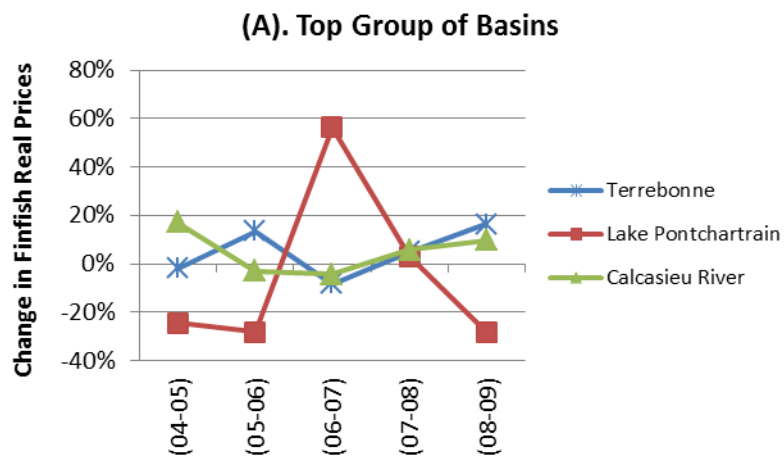
Table I.12 Changes in the Average Real Dockside Prices of Finfish (by LDWF Trip Ticket Basin and NMFS Grid) following the 2005 and 2008 Hurricanes

Basin/Grids	Average Real Dockside Prices (in 2005 \$)						Percent Change in Average Real Dockside Prices				
	2004	2005	2006	2007	2008	2009	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009
Terrebonne	1.61	1.58	1.79	1.64	1.72	2.00	-1.9%	13.3%	-8.4%	4.9%	16.3%
Lake Pontchartrain	1.18	0.89	0.64	1.00	1.03	0.74	-24.6%	-28.1%	56.3%	3.0%	-28.2%
Calcasieu River	0.82	0.96	0.93	0.89	0.94	1.03	17.1%	-3.1%	-4.3%	5.6%	9.6%
Barataria	1.27	0.73	0.72	0.83	0.77	0.99	-42.5%	-1.4%	15.3%	-7.2%	28.6%
Pearl River	0.58	0.46	0.78	1.42	0.93	0.50	-20.7%	69.6%	82.1%	-34.5%	-46.2%
Sabine River	0.61	0.59	0.63	0.65	0.78	1.21	-3.3%	6.8%	3.2%	20.0%	55.1%
Mississippi River	0.57	0.55	0.50	0.50	0.50	0.46	-3.5%	-9.1%	0.0%	0.0%	-8.0%
Vermilion-Teche River	0.50	0.54	0.58	0.59	0.61	0.58	8.0%	7.4%	1.7%	3.4%	-4.9%
Mermentau River	0.49	0.46	0.57	0.58	0.61	0.61	-6.1%	23.9%	1.8%	5.2%	0.0%
Red River	0.40	0.39	0.44	0.42	0.40	0.42	-2.5%	12.8%	-4.5%	-4.8%	5.0%
Ouachita River	0.40	0.31	0.39	0.50	0.45	0.50	-22.5%	25.8%	28.2%	-10.0%	11.1%
Atchafalaya River	0.35	0.34	0.34	0.34	0.33	0.27	-2.9%	0.0%	0.0%	-2.9%	-18.2%
Basin Subtotal	0.72	0.58	0.58	0.60	0.59	0.62	-19.4%	0.0%	3.4%	-1.7%	5.1%
Grid 21	.	.	.	.	.	.	-	-	-	-	-
Grid 11	1.78	.	2.19	2.42	3.10	1.79	-	-	10.5%	28.1%	-42.3%
Grid 20	.	1.55	.	.	.	.	-	-	-	-	-
Grid 18	1.56	1.88	1.78	.	.	.	20.5%	-5.3%	-	-	-
Grid 10	2.07	1.63	.	.	.	.	-21.3%	-	-	-	-
Grid 14	1.63	1.83	1.82	1.28	1.61	1.67	12.3%	-0.5%	-29.7%	25.8%	3.7%
Grid 19	1.61	1.60	.	.	.	.	-0.6%	-	-	-	-

Table I.12 Changes in the Average Real Dockside Prices of Finfish (by LDWF Trip Ticket Basin and NMFS Grid) following the 2005 and 2008 Hurricanes (Continued)

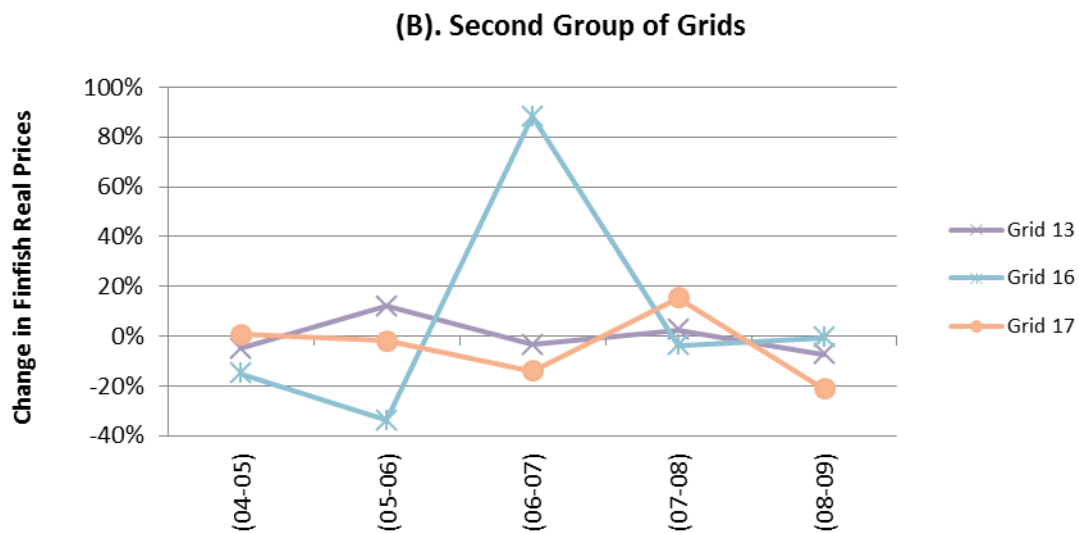
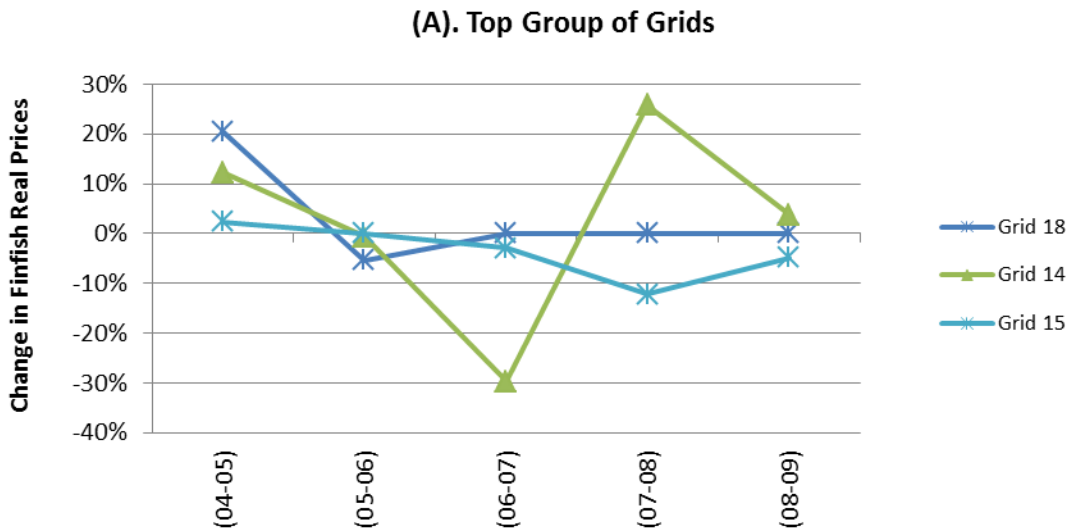
Basin/Grids	Average Real Dockside Prices (in 2005 \$)						Percent Change in Average Real Dockside Prices				
	2004	2005	2006	2007	2008	2009	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009
Grid 15	1.65	1.69	1.69	1.64	1.44	1.37	2.4%	0.0%	-3.0%	-12.2%	-4.9%
Grid 13	1.58	1.50	1.68	1.62	1.66	1.54	-5.1%	12.0%	-3.6%	2.5%	-7.2%
Grid 16	1.53	1.30	0.86	1.62	1.56	1.55	-15.0%	-33.8%	88.4%	-3.7%	-0.6%
Grid 17	1.53	1.54	1.51	1.30	1.50	1.18	0.7%	-1.9%	-13.9%	15.4%	-21.3%
Grid 12	.	0.03	.	.	.	.	-	-	-	-	-
Grid 5	.	.	.	.	.	.	-	-	-	-	-
Grid 7	.	.	.	.	.	.	-	-	-	-	-
Grid Subtotal	1.59	1.57	1.60	1.54	1.55	1.45	-1.3%	1.9%	-3.8%	0.6%	-6.5%
Unspecified	.	.	.	.	.	.	-	-	-	-	-
Total	0.94	0.81	0.80	0.77	0.73	0.77	-13.8%	-1.2%	-3.8%	-5.2%	5.5%

Source: Appendix Table D.12.



Source: Appendix Table I.12.

Figure I.4 Changes in the Average Real Dockside Prices of Finfish (by LWDF Trip Ticket Basin) following the 2005 and 2008 Hurricanes



Source: Appendix Table I.12.

Figure I.5 Changes in the Average Real Dockside Prices of Finfish (by NMFS Grid) following the 2005 and 2008 Hurricanes

Table I.13 Changes in the Nominal Dockside Values of Finfish (by LDWF Trip Ticket Basin and NMFS Grid) following the 2005 and 2008 Hurricanes

Basin/Grids	Nominal Dockside Values (in \$)						Percent Change in Nominal Dockside Value				
	2004	2005	2006	2007	2008	2009	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009
Barataria	8,707,618	5,992,442	6,818,183	12,117,466	13,539,510	11,019,367	-31.2%	13.8%	77.7%	11.7%	-18.6%
Lake Pontchartrain	6,180,846	3,085,412	6,264,923	8,765,554	5,580,249	14,376,950	-50.1%	103.0%	39.9%	-36.3%	157.6%
Mississippi River	4,696,635	2,765,459	2,301,822	4,892,246	3,618,691	2,081,914	-41.1%	-16.8%	112.5%	-26.0%	-42.5%
Terrebonne	4,085,186	1,355,129	2,156,815	1,726,635	7,257,108	2,235,530	-66.8%	59.2%	-19.9%	320.3%	-69.2%
Atchafalaya River	2,286,343	1,875,566	2,854,774	3,446,095	3,076,119	2,000,134	-18.0%	52.2%	20.7%	-10.7%	-35.0%
Vermilion-Teche River	1,198,749	1,122,044	1,151,229	741,867	1,174,649	1,441,674	-6.4%	2.6%	-35.6%	58.3%	22.7%
Calcasieu River	497,710	409,891	516,238	641,704	473,818	750,419	-17.6%	25.9%	24.3%	-26.2%	58.4%
Mermentau River	150,719	251,982	560,411	732,820	424,854	142,507	67.2%	122.4%	30.8%	-42.0%	-66.5%
Red River	295,521	262,019	772,669	193,683	220,219	232,871	-11.3%	194.9%	-74.9%	13.7%	5.7%
Sabine River	251,556	269,673	260,116	239,037	233,873	61,953	7.2%	-3.5%	-8.1%	-2.2%	-73.5%
Ouachita River	153,089	164,125	90,616	202,829	167,274	183,498	7.2%	-44.8%	123.8%	-17.5%	9.7%
Pearl River	17,607	14,979	9,368	4,734	7,232	3,412	-14.9%	-37.5%	-49.5%	52.8%	-52.8%
Basin Subtotal	28,521,579	17,568,721	23,757,164	33,704,670	35,773,596	34,530,229	-38.4%	35.2%	41.9%	6.1%	-3.5%
Grid 15	14,345,287	12,885,671	10,626,527	16,553,021	12,038,492	11,728,928	-10.2%	-17.5%	55.8%	-27.3%	-2.6%
Grid 17	8,401,221	8,263,571	8,394,490	9,583,237	6,255,336	8,262,580	-1.6%	1.6%	14.2%	-34.7%	32.1%
Grid 16	10,967,471	8,128,592	8,818,863	3,717,328	7,646,362	4,539,987	-25.9%	8.5%	-57.8%	105.7%	-40.6%
Grid 13	2,498,577	1,812,041	1,660,568	1,640,784	1,347,665	1,859,543	-27.5%	-8.4%	-1.2%	-17.9%	38.0%
Grid 14	507,068	396,545	511,775	228,783	1,337,491	1,423,770	-21.8%	29.1%	-55.3%	484.6%	6.5%
Grid 18	64,458	49,905	5,010	.	.	.	-22.6%	-90.0%	-	-	-
Grid 21	.	.	.	.	.	.	-	-	-	-	-

Table I.13 Changes in the Nominal Dockside Values of Finfish (by LDWF Trip Ticket Basin and NMFS Grid) following the 2005 and 2008 Hurricanes (Continued)

Basin/Grids	Nominal Dockside Values (in \$)						Percent Change in Nominal Dockside Values				
	2004	2005	2006	2007	2008	2009	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009
Grid 11	36,354	.	4,196	44,820	12,784	28,363	-	-	968.2%	-71.5%	121.9%
Grid 10	545,172	55,927	.	.	.	.	-89.7%	-	-	-	-
Grid 20	.	39,807	.	.	.	.	-	-	-	-	-
Grid 19	28,662	23,461	.	.	.	.	-18.1%	-	-	-	-
Grid 12	.	2,332	.	.	.	.	-	-	-	-	-
Grid 7	.	.	.	.	.	.	-	-	-	-	-
Grid 5	.	.	.	.	.	.	-	-	-	-	-
Grid Subtotal	37,394,270	31,657,852	30,021,429	31,767,973	28,638,130	27,843,171	-15.3%	-5.2%	5.8%	-9.9%	-2.8%
Unspecified	1,776	67,529	18,296	105,615	222	300	3702.3%	-72.9%	477.3%	-99.8%	35.1%
Total	65,917,624	49,294,102	53,796,887	65,578,257	64,411,950	62,373,699	-25.2%	9.1%	21.9%	-1.8%	-3.2%

Source: Appendix Table D.13.

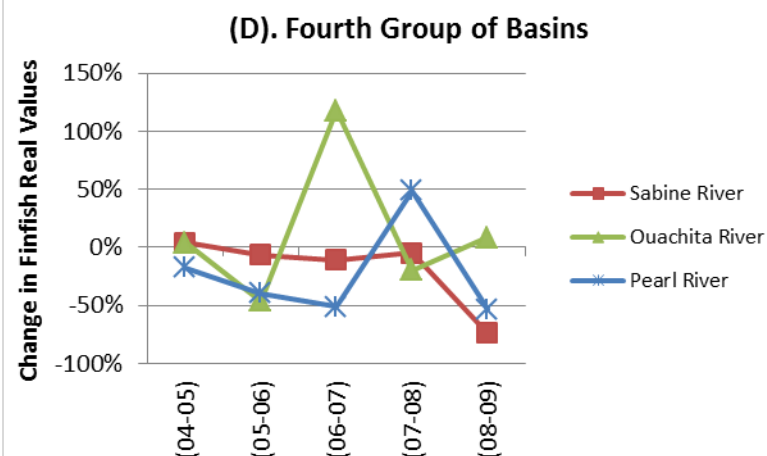
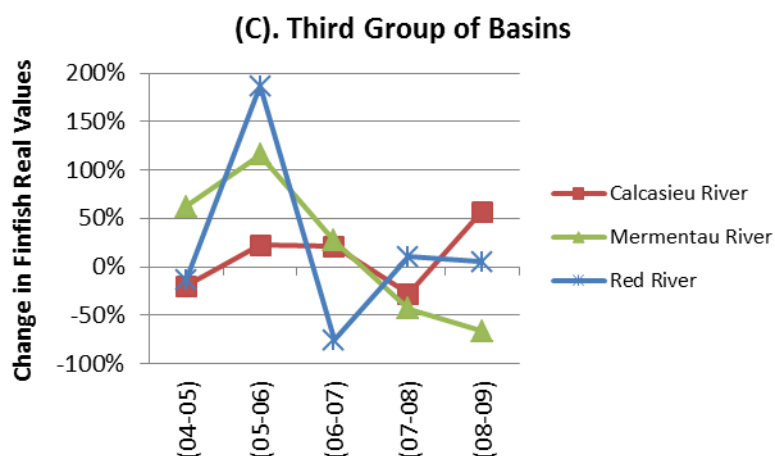
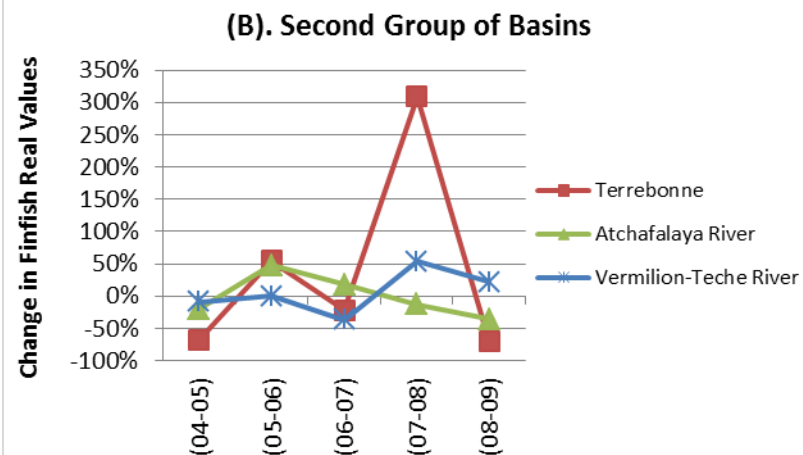
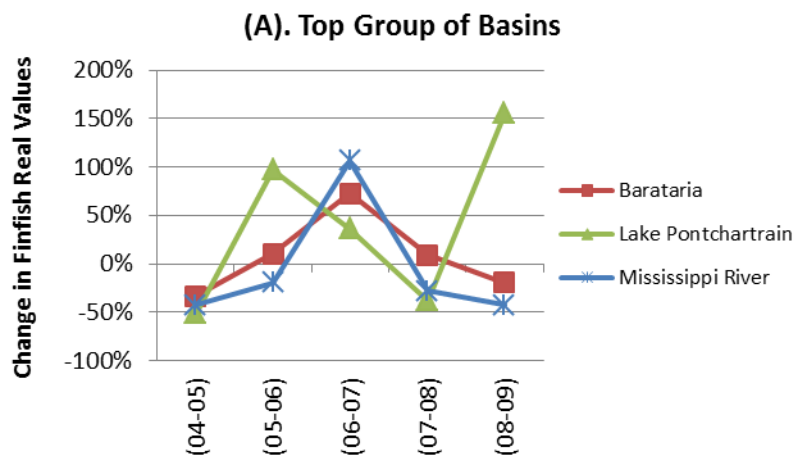
Table I.14 Changes in the Real Dockside Values of Finfish (by LDWF Trip Ticket Basin and NMFS Grid) following the 2005 and 2008 Hurricanes

Basin/Grids	Real Dockside Values (in 2005 \$)						Percent Change in Real Dockside Values				
	2004	2005	2006	2007	2008	2009	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009
Barataria	8,976,926	5,992,442	6,619,595	11,431,572	12,421,569	10,017,606	-33.2%	10.5%	72.7%	8.7%	-19.4%
Lake Pontchartrain	6,372,006	3,085,412	6,082,449	8,269,391	5,119,495	13,069,954	-51.6%	97.1%	36.0%	-38.1%	155.3%
Mississippi River	4,841,891	2,765,459	2,234,779	4,615,327	3,319,900	1,892,649	-42.9%	-19.2%	106.5%	-28.1%	-43.0%
Terrebonne	4211532	1355129	2,093,995	1,628,901	6657898	2032300	-67.8%	54.5%	-22.2%	308.7%	-69.5%
Atchafalaya River	2,357,055	1,875,566	2,771,625	3,251,033	2,822,128	1,818,304	-20.4%	47.8%	17.3%	-13.2%	-35.6%
Vermilion-Teche River	1,235,824	1,122,044	1,117,698	699875	1,077,660	1,310,612	-9.2%	-0.4%	-37.4%	54.0%	21.6%
Calcasieu River	513,103	409,891	501,202	605,381	434,696	682,199	-20.1%	22.3%	20.8%	-28.2%	56.9%
Mermentau River	155,380	251,982	544,089	691,340	389,774	129,552	62.2%	115.9%	27.1%	-43.6%	-66.8%
Red River	304,661	262,019	750,164	182719	202,036	211,701	-14.0%	186.3%	-75.6%	10.6%	4.8%
Sabine River	259,336	269,673	252,540	225,506	214,563	56,321	4.0%	-6.4%	-10.7%	-4.9%	-73.8%
Ouachita River	157,823	164,125	87,976	191,348	153,463	166,816	4.0%	-46.4%	117.5%	-19.8%	8.7%
Pearl River	18,151	14,979	9,095	4,466	6,634	3,102	-17.5%	-39.3%	-50.9%	48.5%	-53.2%
Basin Subtotal	29,403,688	17,568,721	23,065,207	31,796,859	32,819,816	31,391,116	-40.2%	31.3%	37.9%	3.2%	-4.4%
Grid 15	14,788,956	12,885,671	10,317,016	15,616,058	11,044,488	10,662,662	-12.9%	-19.9%	51.4%	-29.3%	-3.5%
Grid 17	8,661,053	8,263,571	8,149,990	9,040,790	5,738,840	7,511,436	-4.6%	-1.4%	10.9%	-36.5%	30.9%
Grid 16	11,306,671	8,128,592	8,562,003	3,506,913	7,015,011	4,127,261	-28.1%	5.3%	-59.0%	100.0%	-41.2%
Grid 13	2,575,852	1,812,041	1,612,202	1,547,909	1,236,390	1,690,493	-29.7%	-11.0%	-4.0%	-20.1%	36.7%
Grid 14	522,751	396,545	496,869	215,833	1,227,056	1,294,336	-24.1%	25.3%	-56.6%	468.5%	5.5%
Grid 18	66,452	49,905	4,864	.	.	.	-24.9%	-90.3%	-	-	-
Grid 11	37,479	.	4,074	42,283	11,728	25,785	-	-	937.9%	-72.3%	119.9%

Table I.14 Changes in the Real Dockside Values of Finfish (by LDWF Trip Ticket Basin and NMFS Grid) following the 2005 and 2008 Hurricanes (Continued)

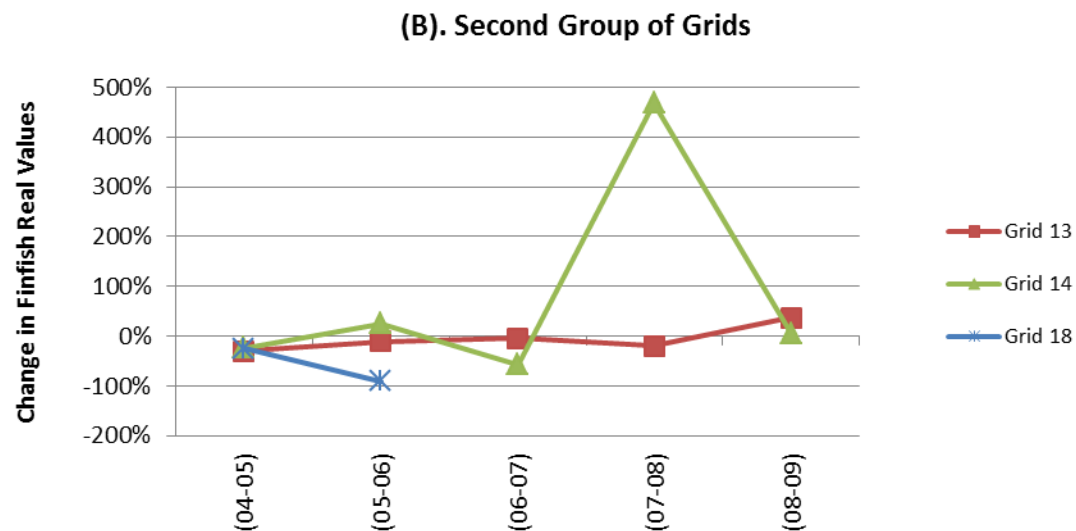
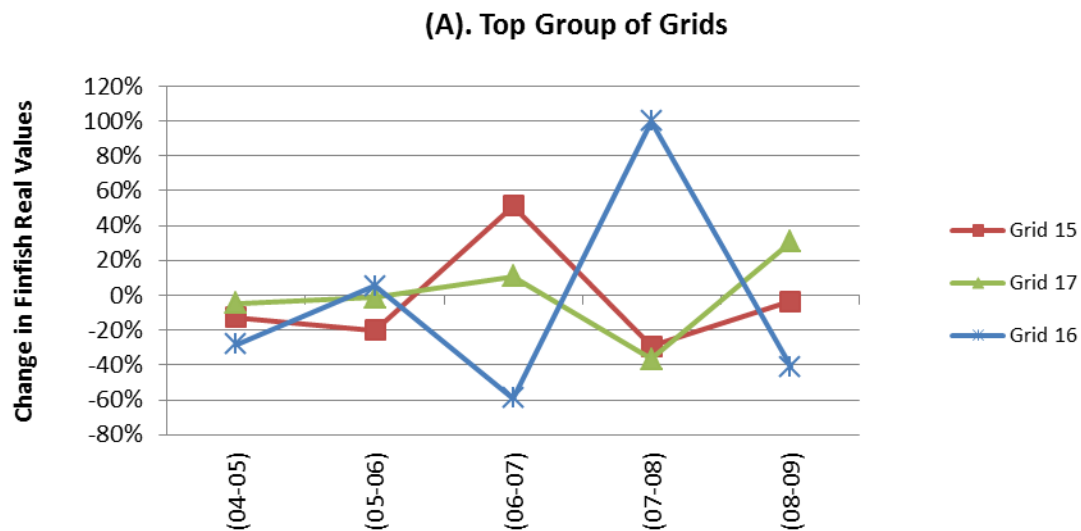
Basin/Grids	Real Dockside Values (in 2005 \$)						Percent Change in Real Dockside Values				
	2004	2005	2006	2007	2008	2009	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009
Grid 10	562,033	55,927	.	.	.	.	-90.0%	-	-	-	-
Grid 21	.	.	.	.	.	.	-	-	-	-	-
Grid 19	29,549	23,461	.	.	.	.	-20.6%	-	-	-	-
Grid 20	.	39,807	.	.	.	.	-	-	-	-	-
Grid 12	.	2,332	.	.	.	.	-	-	-	-	-
Grid 7	.	.	.	.	.	.	-	-	-	-	-
Grid 5	.	.	.	.	.	.	-	-	-	-	-
Grid Subtotal	38,550,796	31,657,852	29,147,018	29,969,786	26,273,513	25,311,973	-17.9%	-7.9%	2.8%	-12.3%	-3.7%
Unspecified	1,831	2,243	17,763	519	204	273	22.5%	691.9%	-97.1%	-60.7%	33.8%
Total	67,956,314	49,228,816	52,229,988	61,767,163	59,093,532	56,703,362	-27.6%	6.1%	18.3%	-4.3%	-4.0%

Source: Appendix Table D.14.



Source: Appendix Table I.14.

Figure I.6 Changes in the Real Dockside Values of Finfish by (LWDF Trip Ticket Basin) following the 2005 and 2008 Hurricanes



Source: Appendix Table I.14.

Figure I.7 Changes in the Real Dockside Values of Finfish (by NMFS Grid) following the 2005 and 2008 Hurricanes

**Appendix J - Impacts of Hurricanes on Landings and Values per
Fisherman in the Finfish Fishery**

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Table J.1 Changes in the Average Finfish Landings per Finfish Fisherman (by Species Type) following the 2005 and 2008 Hurricanes

Species Type	Average Landings of Finfish Per Fisherman (in Pounds)						Percent Change	
	2004	2005	2006	2007	2008	2009	2004-2005	2007-2008
Freshwater Fish	13,684	14,734	18,398	18,247	16,778	15,420	7.7%	-8.1%
Saltwater Fish	691,156	768,730	939,874	906,544	955,867	888,904	11.2%	5.4%
Total	445,208	438,431	564,936	552,676	546,910	543,659	-1.5%	-1.0%

Note: The average landings per fisherman for a species type was calculated by dividing the landings of that species by the number of fishermen who reported that they harvested the particular species.

Table J.2 Changes in the Average Nominal Dockside Values of Finfish per Finfish Fisherman (by Species Type) following the 2005 and 2008 Hurricanes

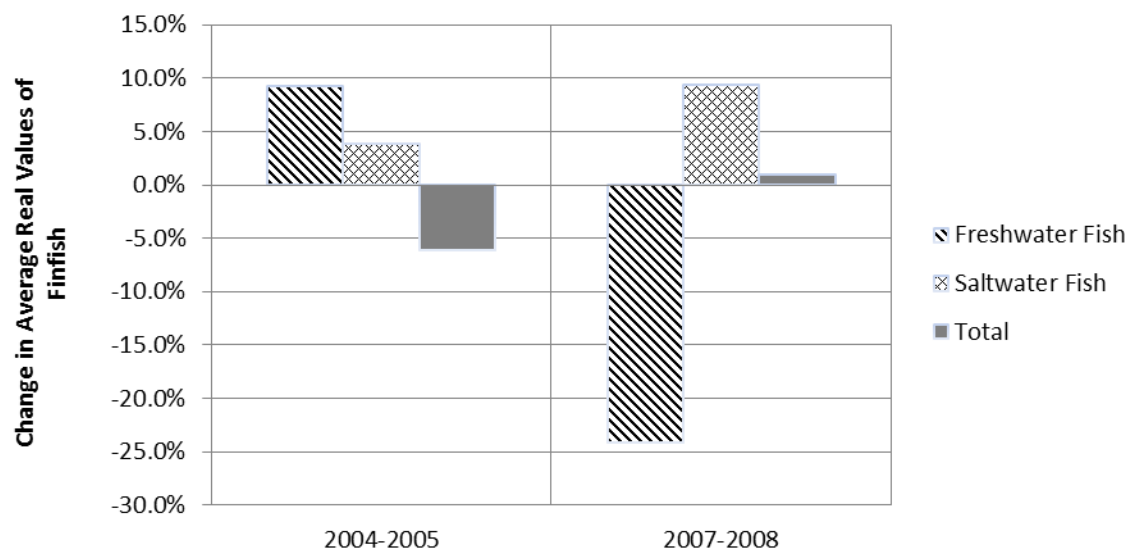
Species Type	Average Nominal Values of Finfish Per Fisherman (in \$)						Percent Change	
	2004	2005	2006	2007	2008	2009	2004-2005	2007-2008
Freshwater Fish	4,620	5,206	7,093	7,806	6,083	5,059	12.7%	-22.1%
Saltwater Fish	48,404	51,825	60,989	68,128	76,585	65,831	7.1%	12.4%
Total	32,779	31,721	39,412	44,490	46,173	42,031	-3.2%	3.8%

Note: The average nominal value for a species type was calculated by dividing the nominal value of that species by the number of fishermen who reported that they harvested the particular species.

Table J.3 Changes in the Average Real Dockside Values of Finfish per Finfish Fisherman (by Species Type) following the 2005 and 2008 Hurricanes

Species Type	Average Real Values of Finfish Per Finfish Fisherman (in 2005 Dollar)						Percent Change	
	2004	2005	2006	2007	2008	2009	2004-2005	2007-2008
Freshwater Fish	4,763	5,206	6,886	7,364	5,581	4,599	9.3%	-24.2%
Saltwater Fish	49,901	51,825	59,212	64,272	70,262	59,846	3.9%	9.3%
Total	33,792	31,721	38,264	41,972	42,361	38,210	-6.1%	0.9%

Note: The average real value for a species type was calculated by dividing the real value of that species by the number of fishermen who reported that they harvested the particular species.



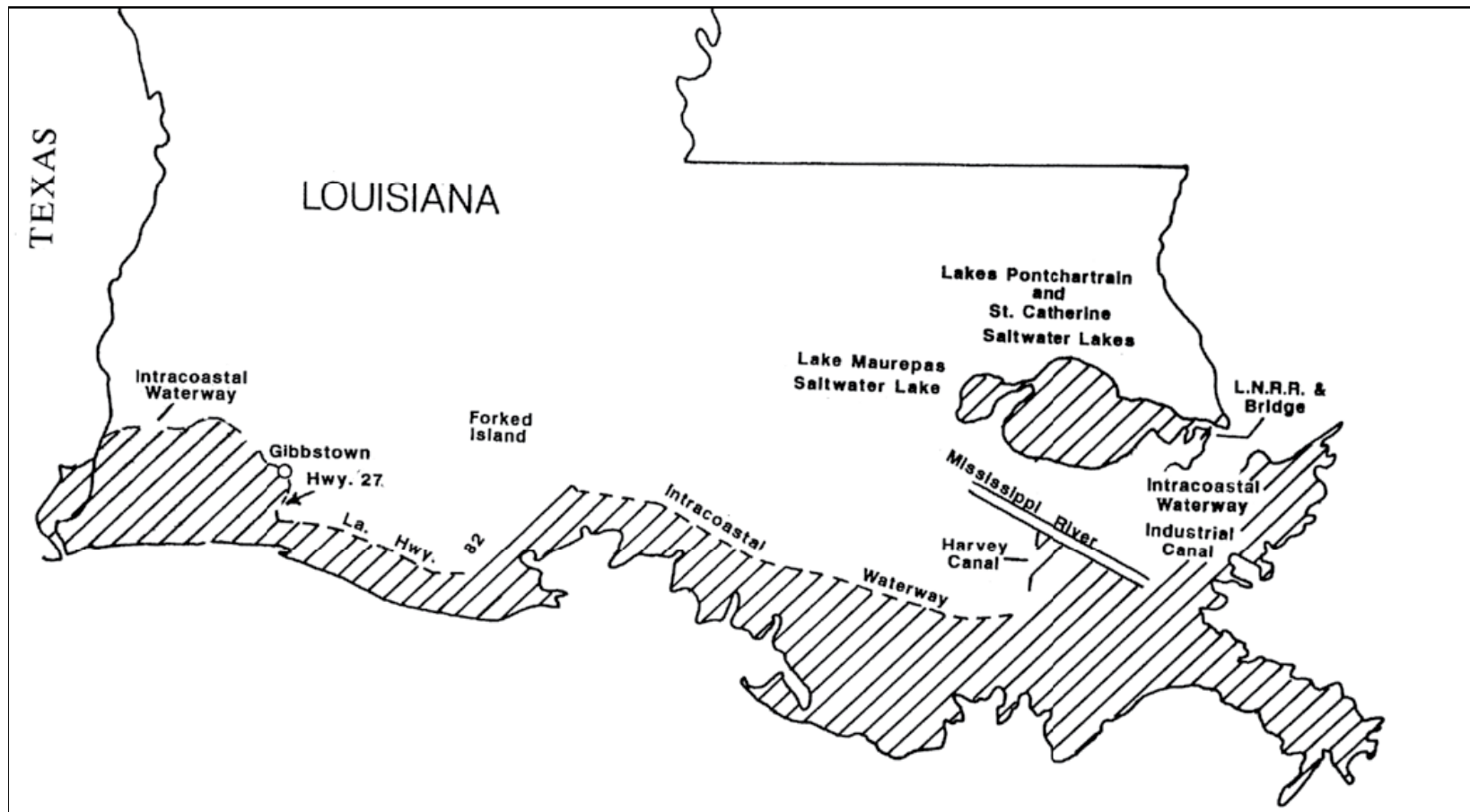
Source: Appendix Table J.3. Note that the average real value for a species type was calculated by dividing the real value of that species by the number of fishermen who reported that they harvested the particular species.

Figure J.1 Changes in the Average Real Dockside Values of Finfish per Finfish Fisherman (by Species Type) following the 2005 and 2008 Hurricanes

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Appendix K - Maps of Fishing Areas and Hurricane Tracks

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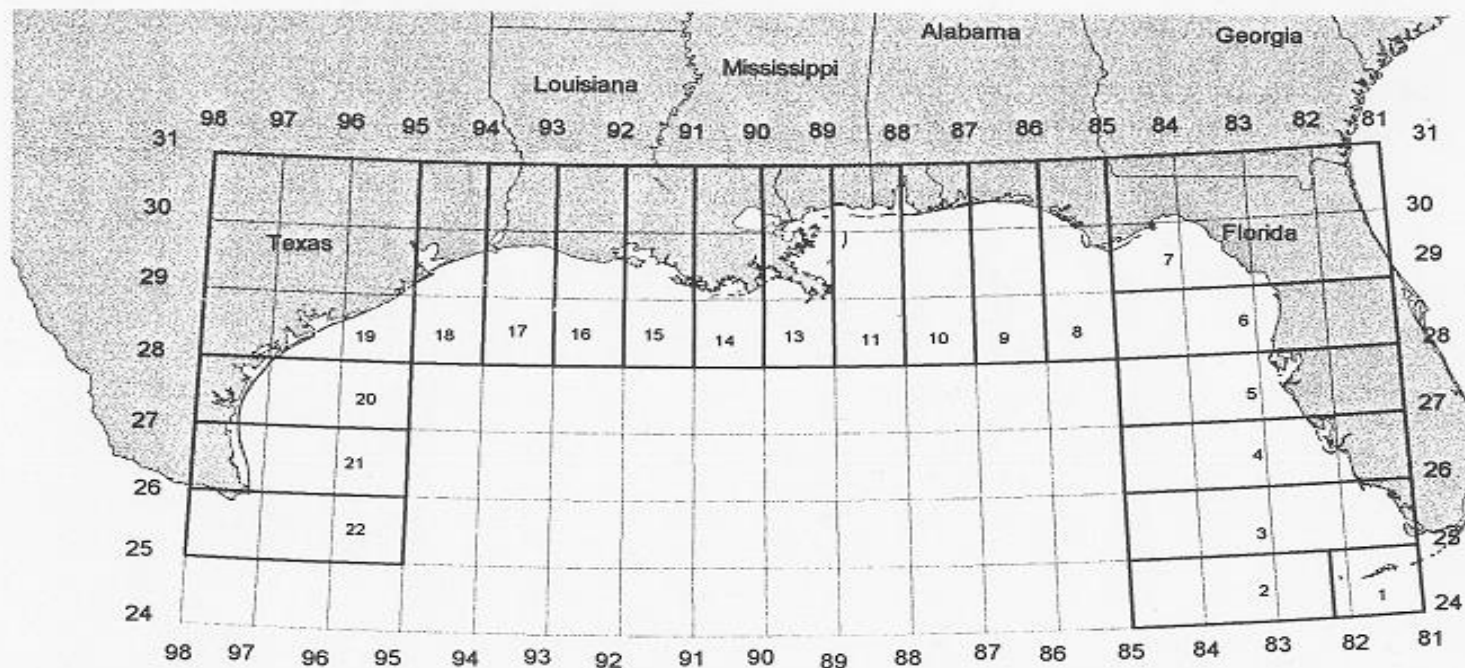


Source: Louisiana Department of Wildlife and Fisheries. Note: The saltwater areas are the shaded portion the the rest pertains to the freshwater areas.

Figure K.1 Map of Louisiana Saltwater – Freshwater Line

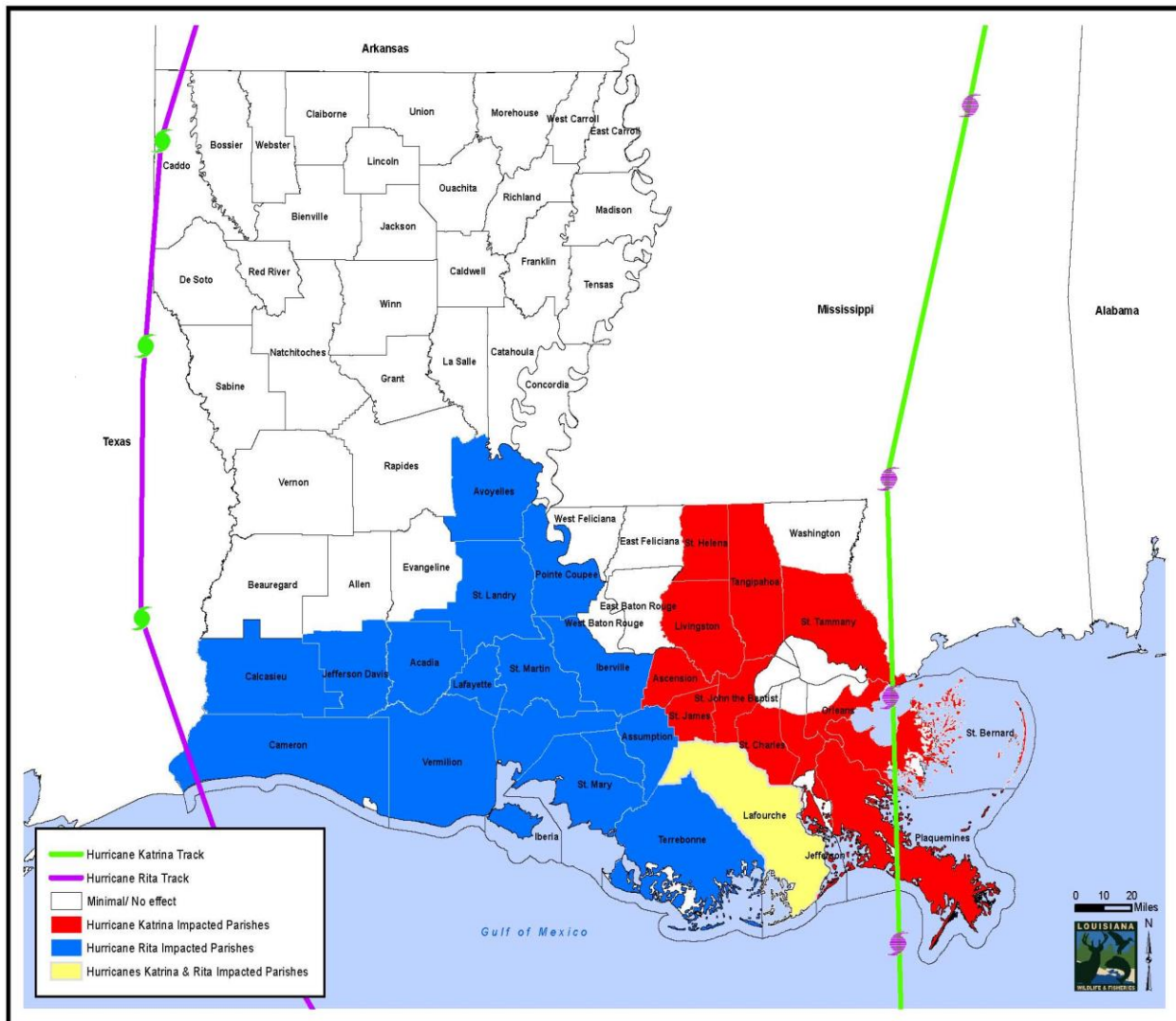


Figure K.2 Map of Louisiana by LDWF Trip Ticket Basin



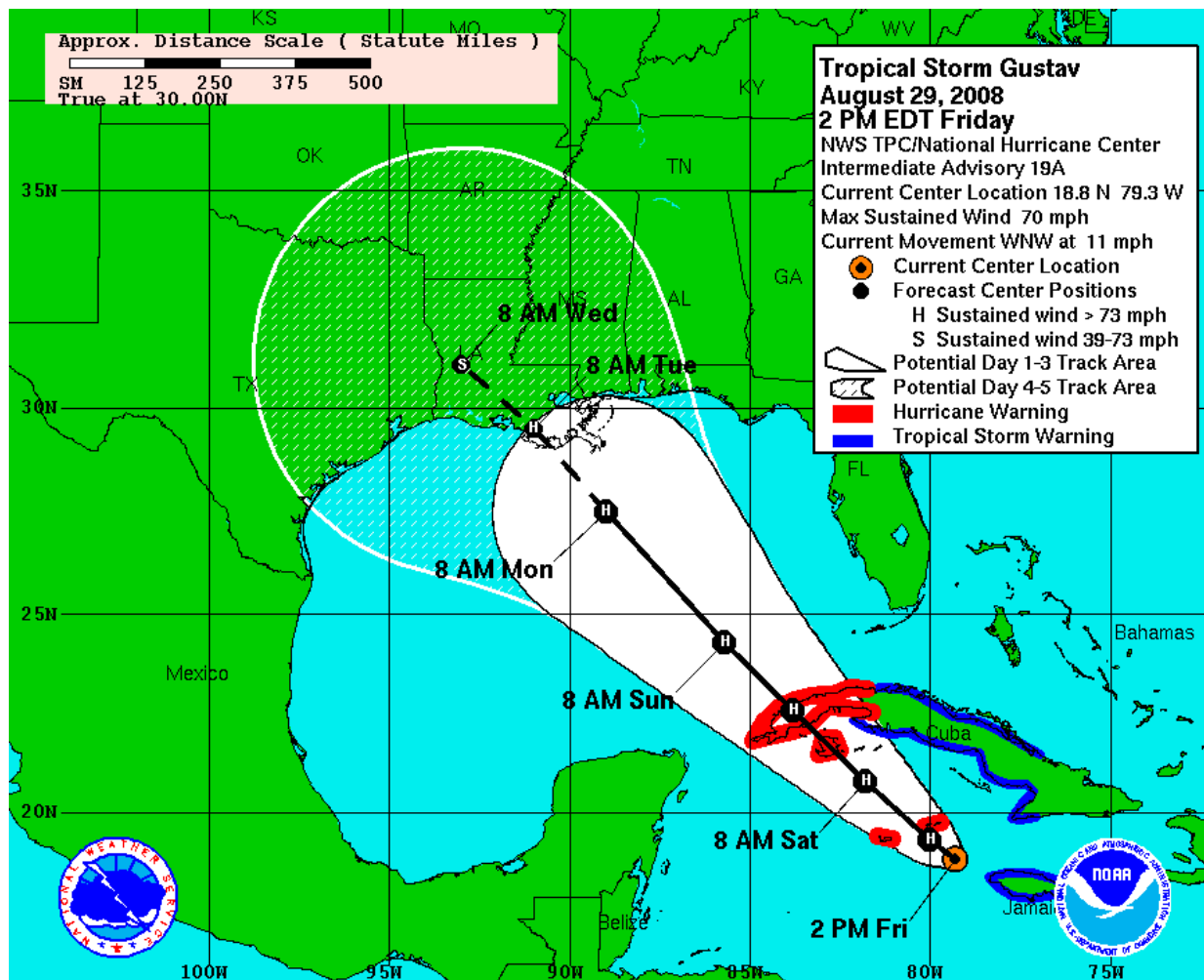
**USE THIS MAP FOR AREA'S OUTSIDE
OF STATE WATERS**

Figure K.3 Map of Fishing Locations by NMFS Grid



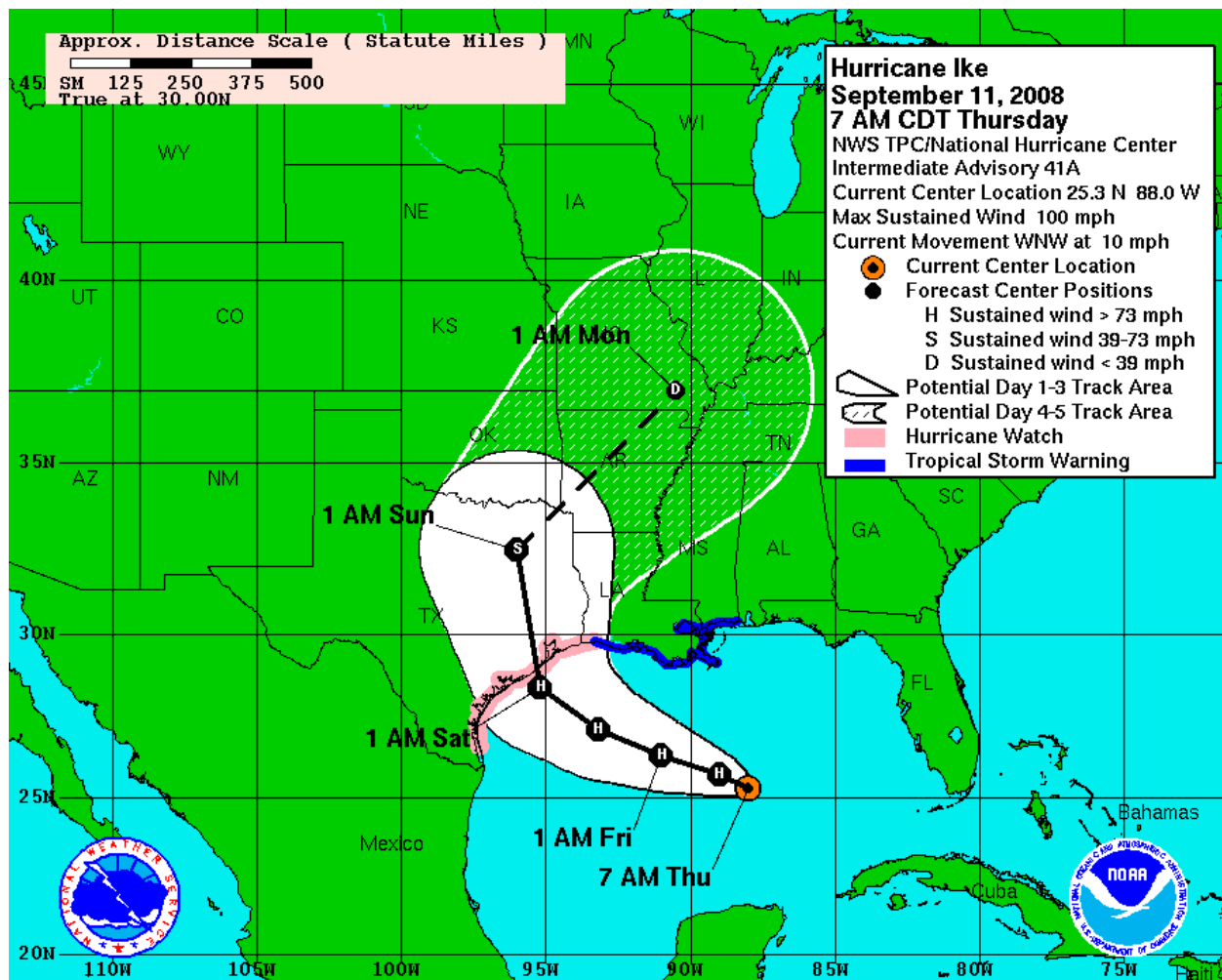
Source: S0 Armand, Louisiana Department of Wildlife and Fisheries, LAGISDWD, ESRI, NOAA, Nov0 15, 20100
 Note that hurricanes Katrina and Rita were both category 3 hurricanes0

Figure K.4 Tracks of Hurricanes Katrina and Rita in 2005



Source: National Hurricane Center, NOAA0 Note that hurricane Gustav was a category 2 hurricane0

Figure K.5 Track of Hurricanes Gustav in 2008



Source: National Hurricane Center, NOAA0 Note that hurricane Ike was a category 1 hurricane0

Figure K.6 Track of Hurricanes Ike in 2008